SONY

SOLID-STATE MEMORY CAMCORDER

PMW-EX3

XDCAM EX

SxS

CINEALTA

Exmor™ CMOS Sensor

SERVICE MANUAL

1st Edition

⚠ 警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠ WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠ WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

注意

指定以外の電池に交換すると，破裂する危険があります。
使用済の電池は，説明書に従って処理してください。

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer’s instructions.

Vorsicht!

Explosionsgefahr bei unsachgemäßem Austausch der Batterie.

Ersatz nur durch denselben oder einen vom Hersteller empfohlenen ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

ATTENTION

Il y a danger d’explosion s’il y a remplacement incorrect de la batterie.

Remplacer uniquement avec une batterie du même type ou d’un type équivalent recommandé par le constructeur.
Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

ADVARSEL

Lithiumbatteri - Eksplosjonsfare.
Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten.
Brukt batteri returneres apparatleverandøren.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en likvärdig typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt gällande föreskrifter.

VAROITUS

Paristo voi räjähtää jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.
Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

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Manual Structure

Purpose of this manual

The service manual is intended for use by trained system and service engineers, and provides the information of maintenance and detailed service.

Related manuals

The following manuals are available in this model.
If this manual is required, please contact your local Sony Sales Office/Service Center.

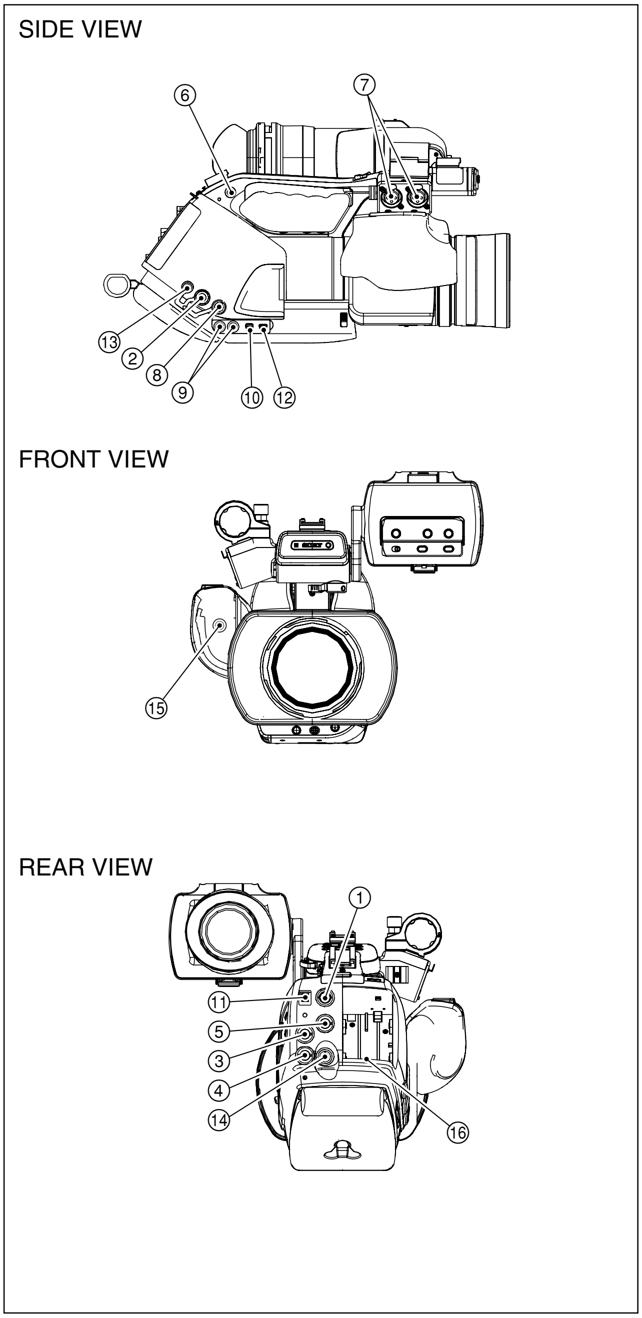
- **Operating Instructions (Supplied with the unit)**
  This manual is necessary for application and operation (and installation) of this unit.

- **"Semiconductor Pin Assignments" CD-ROM**
  This "Semiconductor Pin Assignments" CD-ROM allows you to search for semiconductors used in Broadcast and Professional equipment.
  This manual contains a complete list of semiconductors and their ID Nos., and thus should be used together with the CD-ROM.
  Part number: 9-968-546-06

Section 1
Service Overview

1-1. External Connectors

1-1-1. Signal Inputs and Outputs



① **SDI OUT** : BNC type
SDI output signal

② **MONITOR OUT** : BNC type
1.0 V p-p, 75 Ω

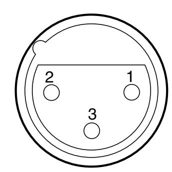
③ **TC IN** : BNC type
0.5V to 18V, 10 kΩ

④ **TC OUT** : BNC type
1.0 V p-p, 75 Ω

⑤ **GENLOCK IN** : BNC type
1.0 V p-p, 75 Ω

⑥ **(HEADPHONES)** : Stereo mini jack
Sound monitor, monaural/stereo selectable
−20.5 dBu (Reference level 16 Ω loaded)

⑦ **AUDIO IN CH-1, CH-2** : XLR (3P, Female)

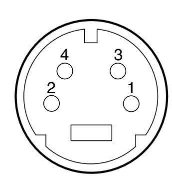


– EXT VIEW –

(0 dBu = 0.775 V rms)

No.	Signal	I/O	Specifications
1	MIC/LINE (G)	–	−60 dBu/−50 dBu/−40 dBu/
2	MIC/LINE (H)	IN	+4 dBu, selectable
3	MIC/LINE (C)	IN	High impedance, Balanced

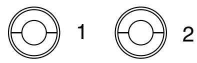
⑧ **S-VIDEO OUT** : S-video connector (4P)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	Y/C_GND	–	GND
2	Y/C_GND	–	GND
3	S-Y	O	S OUT (Y)
4	S-C	O	S OUT (C)

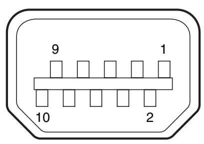
⑨ **AUDIO OUT** : RCA PIN



– EXT VIEW –

No.	Signal	I/O	Specifications
1	AUDIO CH-1	O	−10 dBu
2	AUDIO CH-2	O	

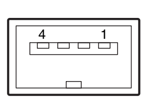
⑩ **COMPONENT OUT** : Mini D connector (10P)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	Y	O	COMPONENT (Y)
2	Y_GND	–	Y GND
3	PB	O	COMPONENT (Pb)
4	PBPR_GND	–	PBPR GND
5	PR	O	COMPONENT (Pr)
6	NC	–	
7	NC	–	
8	NC	–	
9	SW_GND	–	
10	SW	I	

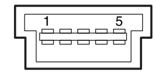
⑪ **HDV** : i.LINK connector (IEEE1394, S400) (4P)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	TPB–	I/O	Strobe on receive, data on transmit B (–)
2	TPB+	I/O	Strobe on receive, data on transmit B (+)
3	TPA–	I/O	Data on receive, strobe on transmit A (–)
4	TPA+	I/O	Data on receive, strobe on transmit A (+)

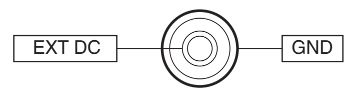
⑫ **(USB)** : Mini-B connector (5P)



– EXT VIEW –

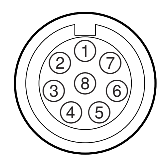
No.	Signal	I/O	Specifications
1	VCC	–	USB Vcc
2	D –	I/O	USB–
3	D +	I/O	USB+
4	ID	–	NC
5	GND	–	Ground

⑬ **DC IN** : 2P (DC JACK TYPE 4)



– EXT VIEW –

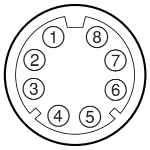
⑭ **REMOTE** : (8P Female)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	TX RCP DATA (X)	O	SERIAL DATA OUT
2	TX RCP DATA (Y)	O	SERIAL DATA OUT
3	RX RCP DATA (X)	I	SERIAL DATA IN
4	RX RCP DATA (Y)	I	SERIAL DATA IN
5	DATA GND	–	GND for VIDEO and DATA
6	UNREG +12 V	O	+11 V to 17 V
7	UNREG (GND)	–	GND for UNREG
8	VIDEO (X)	O	1.0 V p-p, Zo = 75 Ω
	CHASSIS GND	–	CHASSIS GND

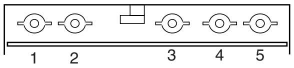
⑮ **LENS REMOTE** : (8P Female)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	COMMON–V	O	GND
2	ZOOM	I	GND: WIDE 1.66V: STOP 3.33V: TELE
3	COMMON+V	O	3.33V
4	COMMON	I	1.66V
5	REC	I	GND: ON OPEN: OFF
6	RET	I	GND: ON OPEN: OFF
7	SW COMMON	O	GND
8	FRAME GND	–	

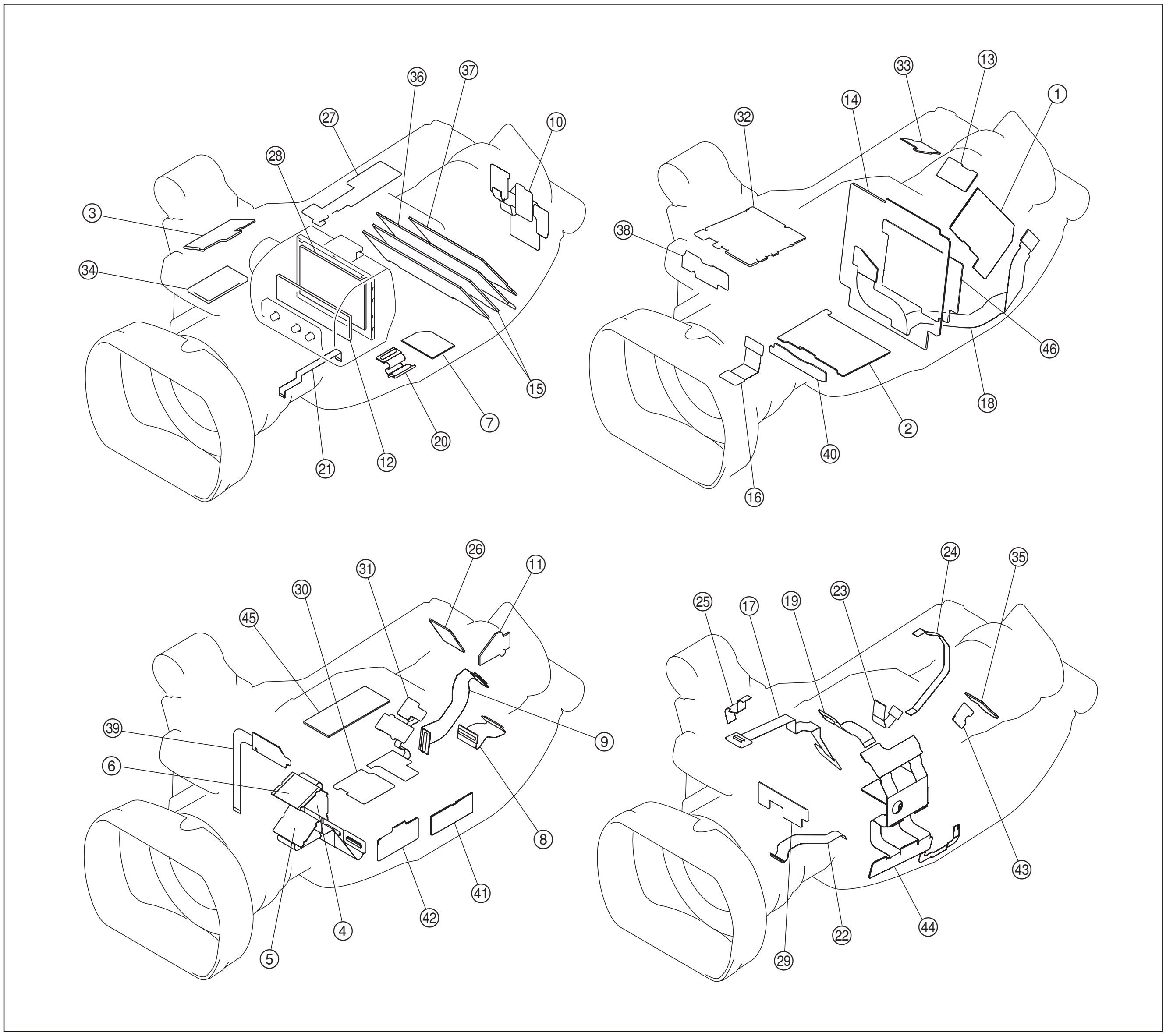
⑯ **Battery** : (5P)



– EXT VIEW –

No.	Signal	I/O	Specifications
1	BATT (+)	–	+11 to +17 V dc
2	BAT_SCL	O	
3	BAT_SDA	I/O	
4	BATT_ID_DATA	I	
5	BATT (–)	–	

1-2. Location of the Printed Wiring Boards



① ASW-66 board
② AU-318 board
③ AXM-36 board
④ BI-202 board
⑤ BI-203 board
⑥ BI-204 board
⑦ BP-42 board
⑧ CN-3022 board
⑨ CN-3023 board
⑩ CN-3024 board
⑪ CN-3050board
⑫ CT-251 board
⑬ DC-146 board
⑭ DPR-289A board
⑮ EC-63 board
⑯ HN-326 board
⑰ HN-328 board
⑱ HN-337 board
⑲ HN-343 board
⑳ HN-344 board
㉑ HN-345 board
㉒ HN-346 board
㉓ HN-347 board
㉔ HN-348 board
㉕ HN-349 board
㉖ HP-144 board
㉗ IF-1069 board
㉘ IF-1072 board
㉙ IR-42 board
㉚ JK-81 board
㉛ JK-84 board
㉜ KSW-54 board
㉝ LED-469 board
㉞ MA-164 board
㉟ PS-747 board
㊱ RE-260 board
㊲ RE-261 board
㊳ RM-214 board
㊴ SE-923 board
㊵ SW-1389 board
㊶ SW-1410 board
㊷ SW-1411 board
㊸ SW-1412 board
㊹ SWC-48 board
㊺ SWC-49 board
㊻ TX-129 board

1-3. Circuit Description

1. CMOS Block System

BI-202/203/204 Board

The BI-202, BI-203 and BI-204 boards are the rigid flexible boards connecting the CMOS image sensors (IC1) to the DPR-289A board.

The CMOS image sensor receives the three primary colors of R, G and B that are separated from the incoming light by the prism. The CMOS image sensor converts the incoming primary color to electric signal. The built-in 12-bit column A/D converters then convert the R, G and B analog video signals to the digital video signals respectively.
The electronic shutter, analog gain amplifier and black level clamp functions are also provided in the above boards.

The BI-202 board is for the R-channel signal, the BI -203 board is for the G-channel signal and the BI -204 board is for the B-channel signal.
The CMOS image sensor receives the sync signal and the serial communication signal from the DPR-289A board.
The 12-bit digital video signals that are supplied from the CMOS image sensors pass through the EMI filters (FL1 to FL4) and are input to the DPR-289A board.
Various decoupling capacitors and the damping resistors are also mounted in the above boards.
IC3 of the BI-203 board is a temperature sensor that sends the temperature data to the CAMERA MICON (camera μ-processor: IC314) on the DPR-289A board via I^2C bus.

2. Camera Block System

DPR-289A Board

The DPR-289A board consists of the Camera Signal Processor IC (IC100) and the CAMERA MICON (camera μ-processor: IC314) whereas the Camera Signal Processor IC (IC100) performs various processing on the digital video signal supplied from the CMOS image sensor, and the CAMERA MICON (IC314) performs control of IC100 and other various controls such as control of the CMOS image sensor and of lens. The output digital video (Y/C) signal is sent to the next circuit the video (baseband video) signal processing circuit.

The 12-bit digital video (RGB) signals supplied from the CMOS block (BI-202, BI-203 and BI-204 boards) first enter the camera signal processor IC (IC100). In the camera signal processor IC (IC100), average value, peak value of the RGB digital video signals that are required for the following AUTO operations of the camera are detected. The detected signals are sent to the CAMERA MICON (camera μ-processor: IC314).

- Auto white balance
- Auto black balance
- Auto focus
- Auto iris
- Auto knee

The digital video signal from the CMOS image sensor enters first the selector circuit selecting either the digital video signal from the CMOS image sensor or the internal TEST signal. The output video signal from the selector enters the compensation circuits consisting of the CMOS imager-related compensation circuit and the lens-related compensation circuit. The video signal then receives the white balance processing, and the matrix signal and the detail signal are added to the video signal. The video signal then receives the pedestal control, knee compensation, gamma correction and white/black clip processing. The video signal finally enters the baseband processing IC (IC400).
The pixel number conversion processing from 1920/1080 to 1440/1080 or 1280/720 is also performed inside IC100.

The CAMERA MICON (camera μ-processor: IC314) performs the overall control over the entire camera system and is controlled by the camera system controller (IC1600).
Peripheral ICs of the CAMERA MICON (camera μ-processor: IC314) are FLAH ROM (IC312) and SRAM (IC313). The CAMERA MICON (camera μ–processor: IC314) confirms the iris control and lens setup when the analog I/F lens is installed.

3. Video Signal System

DPR-289A Board

The digital video (Y/C) signal output from the camera signal processor IC (IC100) enters the baseband processing IC (IC400).
The baseband processing IC (IC400) performs the overall baseband processing of video and audio signals with a single chip IC containing the various scaler functions (supporting the multiple format outputs), various OSD functions, PLL function (54 MHz → 74 MHz) and CPU.
The baseband processing IC (IC400) provides the following outputs:

- HD/SD-SDI (digital): To TX-129 board
- HD/SD Component (analog): To JK-81 board
- Composite (analog): To JK-84 board
- S-Video (analog): To JK-84 board
- LCD signal (digital): To IF-1072 board

The input/output signals of the baseband processing IC (IC400) are the following signals:
• MPEG encoder/decoder I/F signal (digital): To IC901
• Audio I/F signal (digital): To IC804
PAM memory (IC700, IC701).
Peripheral circuits of the built-in CPU are FLASH ROM (IC603) and SDRAM (IC607).
The baseband processing IC (IC400) is controlled by the system controller (IC1600). The LCD driver IC, SDI Co-pro, the audio system and the power save control of the output systems are controlled by the built-in CPU inside IC400.

4. Media Recording and Playback

DPR-289A board

Output from the baseband processing IC (IC400) is input into the MPEG encoder/decoder (IC901).
The MPEG encoder/decoder (IC901) is the single-chip MPEG Codec IC that encodes and decodes both the high-quality HD video signal and audio signal in real-time. It has various interfaces with signals such as MPEG video, video input/output, MPEG audio, audio input/output, bit stream input/output, and interface with the host.
IC901 output is then input into LSI (IC900) for AVIT signal processing.
LSI (IC900) for AVIT signal processing contains the built-in CPU and has interfaces for DDR2 SDRAM memory (IC1000, IC1001), PCI bus, PCI-Express bus, I/O for IC901, and serial communication with system controller (IC1600).
IC900 is also connected to the NOR-type Flash ROM (IC1100) to read the CPU program in the IC900 during initial startup.
LSI (IC900) for AVIT signal processing is controlled by the system controller (IC1600), in the same way as other main devices, and provides the following types of functions: video/audio stream control, access to the SxS memory card, mass storage operations when connected to USB and HDV device controls when connected to i-LINK.

Explanation of peripheral devices

<SxS memory card slot>

Two memory card slot boards (EC-63) are connected to the dual channel PCI-Express signals coming from IC900 through a 0.5 mm pitch, 30-pin fine coaxial cables connected to CN1300 and CN1301.
Furthermore, dual channel USB host signals output from USB host controller (IC1302) are connect to the EC-63 board through fine coaxial cables just as with the PCI-Express signals.
IC1302 is controlled by PCI bus from IC900.

<USB device controller>

USB device signal output from USB device controller (IC1101) is connected to output board (JK-81) through the both-sided flexible board (HN-347) from CN1805 connector, and then it is connected to USB Mini-B connector (CN6) on the JK-81 board.
IC1101 is controlled by the dedicated bus from IC900.
If there is no USB connection, the power supply for IC1101 drops off.

<i-Link controller >

The i-Link signal output from the i-Link controller (IC1200) passes through the both-sided flexible board (HN-337) from the CN1803 connector. Then, the signal is sent from CN3 on HN-337 to the i-Link connector board (CN-3050) through the shielded wire, and connected to the 4 Pin i-Link connector (CN3) on the CN-3050 board.
IC1200 is controlled by the PCI bus from IC900.

5. Audio system

This overview explains the audio system according to the audio block diagram shown in Fig. 1.

MA-164 board

The MA-164 board contains a built-in microphone unit. The MA-164 board amplifies the audio signal with the microphone bias power supply and head amplifier (Q5, Q7, and Q9, and Q6, Q8, and Q10). It provides the balanced output for the audio signal.

AXM-36 board

The AXM-36 board is a connector board on which XLR (3-pin) connector for external LINE/MIC input and the [LINE/MIC/MIC +48V] input selection switch for two channels are mounted on this connector board.

KSW-54 board

This board performs the read and tally controls for the switch on the handle. The audio signal block relays the audio signal between the MA-164 board and AXM-36 board.

HN-328/HN-343/SWC-48/HN-344 flexible board

This board relays the audio signal between the KSW-54 board and the AU-318 board.

AU-318 board (Audio block)

This board controls the analog audio input signal processing, as well as microphone +48 V power supply and serial signal.
(RTC is also built on this board, but the explanation has been omitted here.)

- Audio signal from the built-in microphone on the MA-164 board is input to the balanced input amplifier IC101 and IC201 of this board. Output of the balanced amplifier is connected to the analog switch (IC105, IC205) for switching between [INT/EXT].
- The DC-DC converter (IC1, Q1) for microphone power +48 V is built-in, and when EXT MIC +48 V is going to be supplied, the EXT MIC +48 V is supplied by the switch (Q301, Q302, Q321 and Q322).
- The audio input signals from MIC and LINE are input to a common circuit that receives both of the MIC input level (−8 dBu to −65 dBu) and the LINE input level (+4 dBu). The input attenuator is inserted in the circuit switch (Q103 to Q105, Q203 to Q205) as required. This audio input signal is received by the balanced input amplifier (IC102, IC202) that performs amplification of 0/+12 dB and switching (Q110, Q111, Q210, Q211) in accordance with the level that is set by INPUT TRIM. After that, the audio signal is connected to the [INT/EXT] switch (IC105, IC205).
- The [INT/EXT] switch (IC105, IC205) performs not only the INT/EXT switching but also performs the input channel mode selection [CH1/ (CH1/CH2)].
- SEL/AMP (1, 2) is a signal selector and buffer amplifier to perform AGC link.
- Serial control
  The I^2C control signal from Display Block (T-one) is converted into GPI, and performs switching such as [INT/EXT], [LINE/MIC/MIC+48], [CH1/ (CH/CH)], and AGC [Linked/Separated] for CH1 and CH2.

DPR-289A board (Audio block)

The AU-318 board is comprised of two pieces of the Audio Codec IC and the C-PLD.

- Audio Codec (IC800, IC801)
  The analog audio signal from the AU-318 board is connected to IC800 and IC801 that are the Audio Codec (PGA, ADC, DSP, Digital IF, headphones amplifier, speaker amplifier are built on one chip and the parameters are set with I^2C).
  The Input TRIM (PGA) functions in the [MANUAL] mode, and AGC functions in the [AUTO] mode to control the audio signal level. The analog signal after

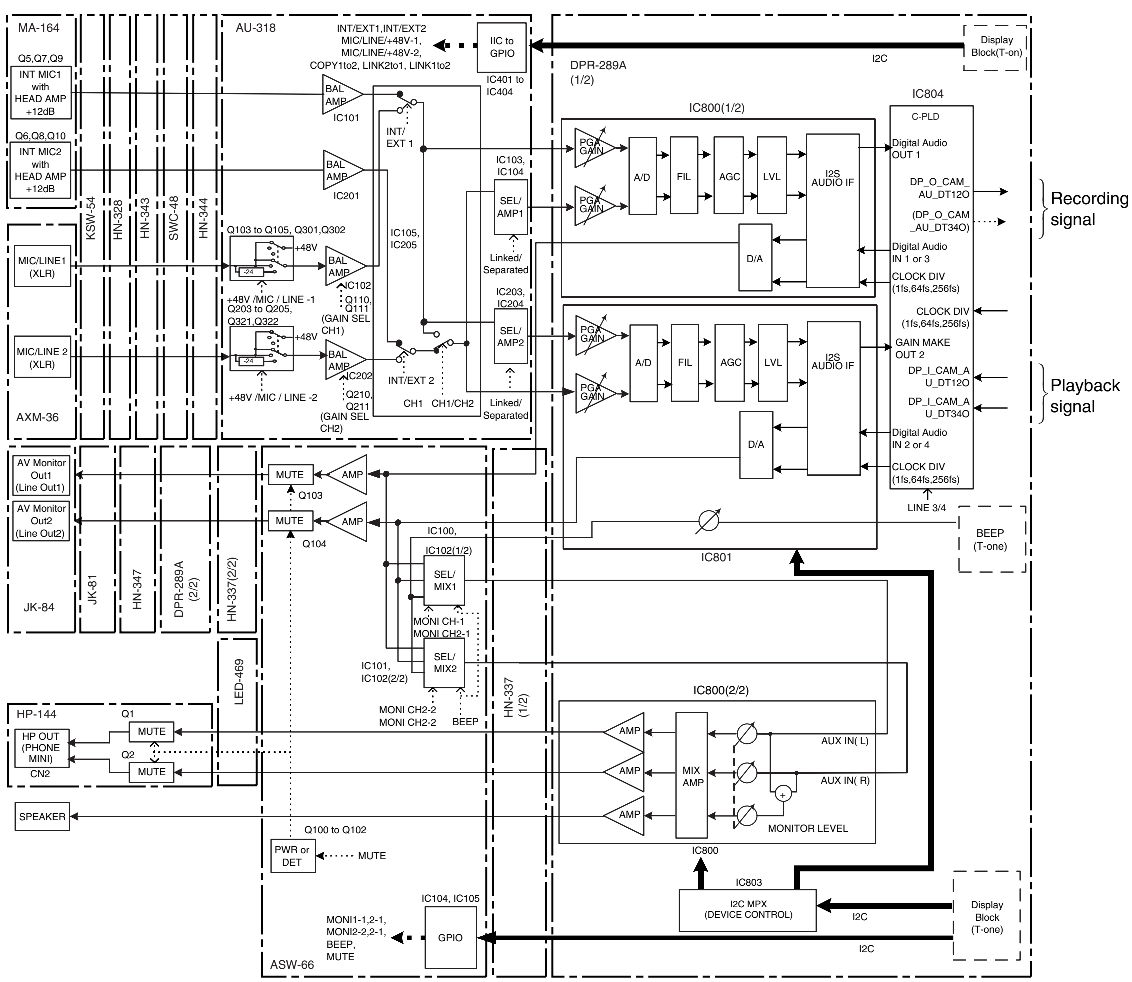


Fig. 1. Audio block diagram

level adjustment is converted to the digital signal with the ADC.
The digital signal receives the audio level control processing from the DSP. After the audio signal receives the [Wind Filter] (on/off) processing, the digital signal is output for audio recording.
Playback output (including EE) is the digital signal that is connected to Audio Codec where it is converted to the analog signal with DAC and output to the ASW-66 board.
Furthermore, the audio signal that is processed for audio monitoring in the ASW-66 board is connected to the headphones amplifier and speaker amplifier through the monitor level control from the AUX input of IC800.

- C-PLD (IC804)
  After the digital signal output signal from the Audio Codec is amplified by +12 dB, it is supplied to the Display Block (T-one). C-PLD (IC804) also receives the playback output signal from the Display Block.
  The playback system selects CH1/CH2 or CH3/CH4, connects EE, and connects TEST TONE from the Display Block depending on the data.
  Furthermore, C-PLD divides the clock signal that is supplied from the Display Block to Audio Codec.
- Serial control
  The I^2C control from Display Block (T-one) selects either IC800 or IC801 for the target with I^2C MPX and sets the register of IC800 or IC801.

HN-337 flexible board

It relays the audio signal from the DPR-289A board to the ASW-66 board.

ASW-66 board (Audio block)

- Analog output from the DPR-289A board Audio Codec is buffered by IC103 and is output to the A/V connector after passing through the audio MUTE control.
- Analog output from DAC on the DPR-289A board re-enters into the AUX input of the DPR-289A board AUDIO CODEC after passing through the monitor selector/mixer (IC100, IC101, IC102), and becomes the monitor signal.
- Serial control
  I^2C control signal from Display Block (T-one) is output at GPI, and performs the switching between MONITOR [CH1/CH2] / [CH1+CH2] / [CH1] / [CH2] for CH1 and CH2 respectively, and at the same time controls the BEEP on/off.

JK-84 board (Audio block)

This is the connector board. The audio output from the ASW-66 board is connected to RCA PIN connector.

HP-144 board (Audio block)

The headphones output signal is connected to the headphones jack of the DPR-289A board.
The headphones output is muted by the MUTE (Q1, Q2).

Switch/Volume control/Menu panel (Audio controller block)

Operation panel functions relating to audio signal are built into the following blocks.

ASW-66 board (Audio block)

For CH1 and CH2, the switches [INT/EXT] and [AUTO/MANUAL] are connected to PIO of CPU (IC106), and the volume control [AUDIO LEVEL] is connected to ADC of CPU (ICl06).

KSW-54 board (Audio block)

The switch [LINE/MIC/MIC+48] on the AXM-36 board is connected to PIO of CPU (IC100) for CH1 and CH2 respectively. The switch [MONITOR (AUDIO) +/−] that is common to CH1 and CH2 is connected to PIO of CPU (IC100).

MENU processing

(1) Audio Input
- CH1, CH2 [INPUT TRIM]: −8 dBu to −65 dBu
- CH1, CH2 common [AGC Link]: Linked/Separated
- CH1, CH2 [WIND FILTER]: ON/OFF
- CH1, CH2 common [EXT CH Select]: [CH1] / [CH1/CH2] selection

(2) Audio Output
- [MONITOR CH]: [CH1/CH2] / [CH1+CH2] / [CH1] / [CH2] selection
- [Alarm Level]: 0 to 10
- [Beep]: ON/OFF
- [BARS]: TEST TONE (DPR-289A board Display Block internal processing)

6. System Control

DPR-289A board

The 32-bit RISC CPU (ARM) with ARM core is built-in as the system controller (IC1600).
It has the peripheral interface functions of SDRAM, USB, SCI, and I^2C. It operates on a 27 MHz clock (X1600).
FLASH ROM (IC1603), SDRAM (IC1604), and EEPROM (IC1703) are mounted as the peripheral ICs.
It performs the system control through serial communication with IC314 of the camera block system, IC400 of the video signal system, and IC900 of the media recording/playback system.

Main functions of the system controller and peripherals

(1) Reading operation switch information
Reading the switch information and the LED control are performed by I^2C bus communication with each sub-microprocessor.
- Handle switch: IC100 on the KSW-54 board
- Inside panel front switch: IC601 on the SWC-48 board
- Rear panel switch: IC106 on the ASW-66 board
- Power supply switch: IC1001 on the RE-261 board

(2) Watch IC (RTC) control
The watch IC (IC50) is built onto the AU-318 board.
The watch IC (IC50) is backed up by a lithium coin battery, and the current time is read or set via IC601 on the SWC-48 board.

(3) Infrared remote control demodulation
The RM-214 board has an IC (IC1) for infrared remote control signal demodulation, and it receives the command codes via IC100 on the KSW-54 board.

(4) Info-Battery communication
The Info-Battery of SM bus specifications is supported.
The serial terminal of the battery connector is connected to IC1001 on the RE-261 board. This IC1001 reads the battery authentication, battery type, remaining power, and other information and send them to the system controller via I^2C bus communication.

(5) Power supply voltage detection
The power supply voltage at the DC IN connector is measured by the A/D port on IC1001 on the RE-261 board, and it is posted to the system controller as the input voltage value.

(6) Power system control
IC1001 on the RE-261 board checks that the power switch on the PMW-EX1 is turned ON, and turns on the system controller of IC1600. After that, it controls the power for each circuit block according to the system controller.
The system controller controls the respective power supply systems in the RE-260 and RE-261 boards according to the operation mode of the device, via the power supply u-processor on the RE-261 board.
By turning off the power systems to unnecessary circuits blocks, power can be saved.

(7) 700P communication
The serial communication driver (IC803) is mounted on the TX-129 board.
Serial communication with the remote control unit connected to the REMOTE connector is performed.

7. SDI/GENLOCK/TC IN/TC OUT

TX-129 board

(1) SDI output
This board receives the parallel video signal with FPGA (IC100) and IC500 and outputs the SDI signal.
Furthermore, it performs audio or timecode embedding.
The video and audio signals are supplied from CN400 on the DPR-289A board to CN100 on the TX-129 board with a 0.4 mm pitch, 40-pin fine coaxial cable.
The power voltages are supplied from CN401 on the DPR-289A board to CN700 on the TX-129 board with a 15-pin harness.
Output SDI signals are supplied to CN500.
Output SDI signals are then supplied from CN500 to the coaxial connector via the mini coaxial connector and mini coaxial cable.
The PLL circuit is used to reduce jitter of the HD-SDI clock signal.
The FPGA (IC100) is controlled by IC400 on the DPR-289A board through 4-line serial communication.
The FPGA program is stored in the IC203 ROM, and JTAG can be used to overwrite the data from IC1600 on the DPR-289A board.
When not using SDI, the power to cable driver inside IC500 is turned off.

(2) GENLOCK
In IC902, sync signal separation is performed for GNE-LOCK. The separated sync signal enters IC400 on the DPR-289A board where phase is compared by the internal counter of IC400 and by IC521 to control the VCXO (X500).

(3) TC IN/TC OUT
IC900, IC901, and IC907 reshape the waveform of the time code connected to the TC IN connector and input it to IC100.
IC903 is the external output circuit for the time code OUT signal, which outputs the signal to the TC OUT connector.
They communicate with the FPGA (IC100) through the 4-line serial interface on the DPR-289A board.

8. Power supply system

RE-260/261 board

This board is comprised of the power supply circuit and the POWER SUPPLY MICON (power supply u-processor: IC1001 on the RE-261 board).
However, part of the low-voltage power supply is mounted on the DPR-289A board.

(1) Input power supply (UNREG) system operations
When the UNREG power is input, the EVER power state is established.
In this state, the ON/OFF state of the Power switch can be recognized.
If the POWER SUPPLY MICON (power supply u-processor: IC1001) recognizes that Power switch is ON, the power is turned on for the system control system and the POWER SUPPLY MICON (power supply μ-processor: IC1001) controls the power supply for each block according to the system controller (DPR-289A board: IC1600).
The normal value for the input power supply (UNREG) is in the range of about +10.5 V to +18 V.

- Battery/EXT-DC select
  Input power comes in two systems: Battery and EXT-DC. This switch monitors the input voltage for each input and automatically switches the circuit settings with priority given to EXT-DC.

- Input overvoltage protection
  If the voltage is too high in the UNREG power supply, the overvoltage protection circuit starts operating around the set value of +17.9 V, and the camera shuts down. When the input power supply voltage to this circuit becomes less than +17.9 V, the power supply immediately switches on with automatic recovery.

- Input low-voltage protection
  If the voltage is too low in the UNREG power supply, the low-voltage protection circuit starts operating around the set value of +10.5 V according to the control by the POWER SUPPLY MICON (power supply u-processor: IC1001), and the camera shuts down. When the input power supply voltage becomes higher than +10.5 V, the power supply immediately switches on with automatic recovery according to the control by the POWER SUPPLY MICON (power supply μ-processor: IC1001).

- Overcurrent detection
  The overcurrent detection circuit is comprised of IC308 on the RE-260 board. The setting value is approximately 4.3 (A). Even after clearing IC308 after overcurrent detection, automatic recovery is not performed and the power must be turned on again.

- Power supply reverse connection protection
  If the input power has reverse voltage, Q301 on the RE-260 board is immediately turned off and UNREG power is stopped on the GND side, and the protection function works.

(2) DC/DC converter function
The power supply output is divided into 25 systems, which are separated into four blocks as seen below.

- CMOS/camera block system, 7 systems
  (+4.6 V, +3.1 V, UNREG, etc.)
- Audio/video signal system, 7 systems
  (+13.5 V, −4.6 V, +4.6 V, etc.)
- System controller system, 5 systems
  (+4.6 V, +3.1 V, +2.5 V, etc.)
- Media recording/playback system, 6 systems
  (+3.1 V, +2.5 V, +1.8 V, etc.)

  The sequence control (powering up and powering down) for the power supply system is controlled by the POWER SUPPLY MICON (power supply u-processor: IC1001) for the respective power supply blocks of each block.
  By turning off the power for each block according to the operation mode (camera mode or media mode), the optimal power consumption for each operation is achieved.

- Short-circuit protection for each power supply system
  The circuit settings monitor each output voltage or current for each power supply system and operate the protection circuits per block.
  Even after the protection circuit is cleared, automatic recovery is not performed and the power must be turned on again.
  Even after short-circuit is cleared, the protection circuit does not recover automatically and the power must be turned on again.

Battery information functions

- Battery authentication function
  The authentication function checks whether the battery is of the specified type. This helps prevent one cause of major accidents when using batteries as a power supply. If the attached batter is not the specified type of batter, the camera immediately turns off.

- Battery Info function
  In an intelligent (specified) battery, the battery can monitor information, such as how many times the battery has been recycled or the internal temperature for the battery. This helps provide detailed information about the battery, including whether the battery is damaged or how long the life is, in order to provide optimal operations.

1-4. Service Tools/Measuring Equipment List

1-4-1. Service Tools

Part No.	Name	Usage/Note
Commercially available	Grayscale chart	Reflective type (16 : 9), Camera adjustment on market
Commercially available	Star chart	Reflective type, camera adjustment on market
J-6394-080-A	Grayscale chart	Transparent type (16 : 9), Camera adjustment on market
J-6029-140-B	Pattern box PTB-500	Camera adjustment
∗	Mini USB cable	For firmware version-upgrade
3-292-755-01	XLR JIGU	For removing the mounted circuit board

∗ : This cable is supplied with PMW-EX3.

1-4-2. Measuring Equipment

Use the calibrated equipment or equivalent as listed below for the adjustments.

Equipment	Model name
Oscilloscope	Tektronix TDS3054 or equivalent (150 MHz or more)
HD waveform monitor	LEADER ELECTRONICS CORP.LV5152DA or equivalent
Frequency counter	Advantest TR5821AK or equivalent
Digital voltmeter	Advantest TR6845 or equivalent
Color monitor	Sony HDM-20E1U/14E1U/14E5U or equivalent
Luminance meter	Konica Minolta LS-110 or equivalent

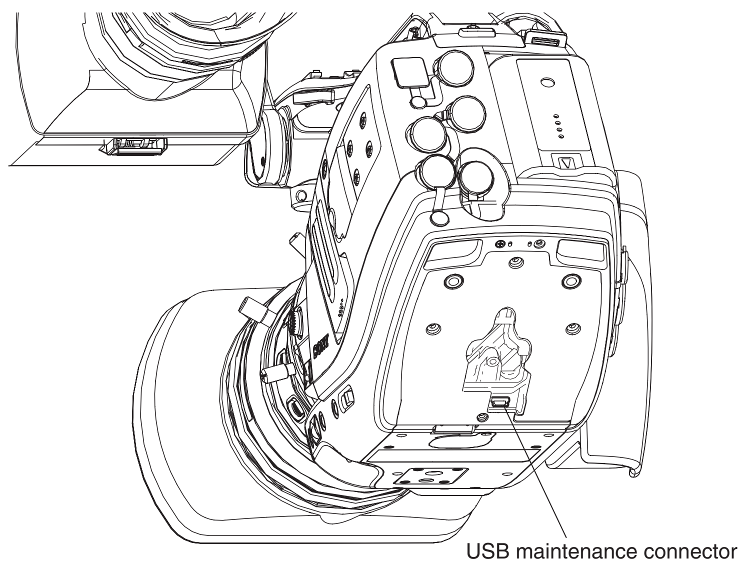
1-5. Firmware Upgrade

Upgrade the firmware for the PMW-EX1 through a USB connection to a computer.
For detailed information about the upgrade procedure, check the readme file that comes with the upgrade software.
For inquiry or comments about the firmware upgrade, please contact your local Sony Sales Office/Service Center.

Firmware Upgrade Procedure

Download the software for the new firmware upgrade onto the computer before starting these operations.

1. Check that the power switch on the PMW-EX3 is turned OFF.
2. Remove the pad sub assembly and pad center cover. (Refer to Section 2-2-3.)

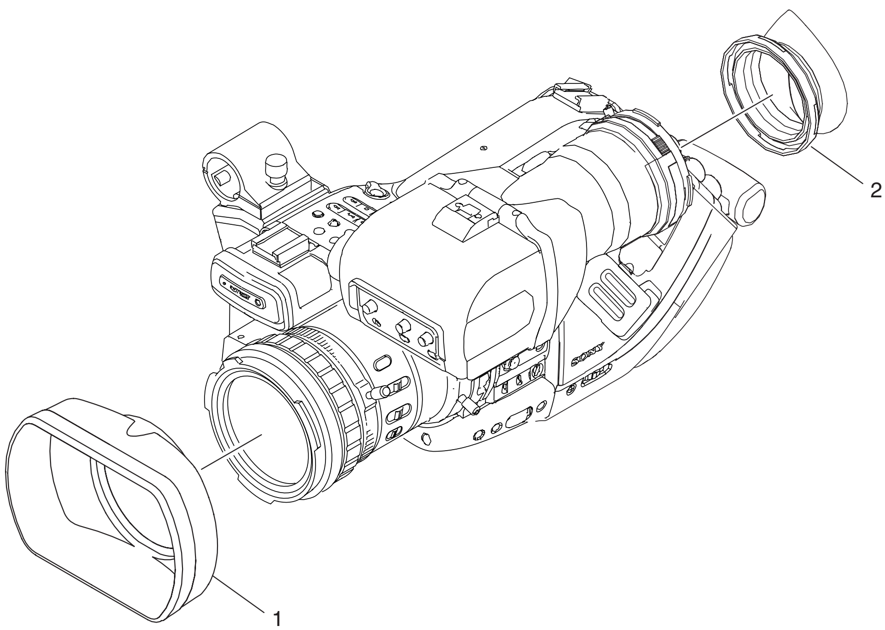


3. Use the USB connector that comes with the PMW-EX3 to connect the computer and the USB maintenance connector.
4. Switch the power switch to CAMERA and turn the power ON.
5. Run the software for the firmware upgrade on the computer.
6. When the upgrade is complete, turn OFF the power and remove the USB cable.
7. Attach the pad sub assembly and pad center cover.

When the PMW-EX3 is connected to the computer for the first time, the driver software will need to be installed into the computer. For more details, check the readme file that comes with the upgrade software.

1-6. Recommended Replacement Parts

This section describes the recommended replacement parts and recommended replacement time.



ID	Part name	Sony part No.	Recommended replacement timing
1	Lens hood	4-110-064-01	Check for deformation and deterioration from time to time. Replace it as necessary.
2	I cup	3-878-208-02	

1-7. Note on Service

1-7-1. Requirements on Replacement of Boards or Parts

This section explains the necessary setups required when replacing boards or parts.

1. When any of the following boards is replaced, upgrade the firmware version.
   All data are written at once when upgrading the firmware version. (Refer to Section 1-5.)

Board name	Ref. No.
DPR-289A	IC312, IC603, IC1100, IC1603
KSW-54	IC100
SWC-48	IC601
ASW-66	IC106
RE-261	IC1001
TX-129	IC203

2. Adjusted values are stored in the following boards and parts. The values need to be readjusted when they are replaced.

Board/part name	Ref. No.
DPR-289A[*1]	
CMOS block	IC312/DPR-289A board
LCD module[*2]	IC202/IF-1072 board, IC603/DPR-289A board

*1: The adjusted values for the CMOS block and the LCD module are stored in the DPR-289A board.
*2: The adjusted values for the LCD module are stored in the LCD module, but the adjusted values need to be copied to the DPR-289A board.

3. The user setting values are stored in IC1703 on the DPR-289A board. The user data must be stored (Restore) in SxS before replacing the board and it must be read (Recall) after replacing the board.

1-7-2. Note on Replacement of Parts on the Board

1. The BI-202, BI-203 and BI-204 boards cannot be replaced on the board-level service or part-level service.
   If parts become defective, replace the entire CMOS block.
2. Parts labels also cannot be replaced in the DPR-289A board.
   If parts become defective, replace the entire mounted board.

1-7-3. Description of Number Seal on the Prism

The number seal is put in the prism unit, the serial number of prism unit.
Every prism unit has its own number called prism serial number.

1-7-4. Memory Backup Battery

For replacing the battery, refer to “Backup Battery” of the “Appendixes” in the Operating Instructions.
When the backup battery is replaced, the date and time in the internal clock need to be set. Refer to “Setting the Clock” of the “Preparations” in the Operating Instructions.

1-7-5. Unleaded Solder

Boards requiring use of unleaded solder are printed with a lead free mark (LF) indicating the solder contains no lead. (Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

LF : LEAD FREE MARK

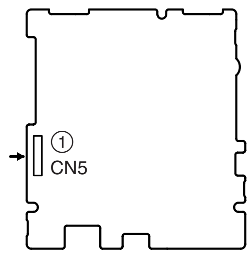
Notes

- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 °C higher than the ordinary solder, therefore, it is recommended to use the soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

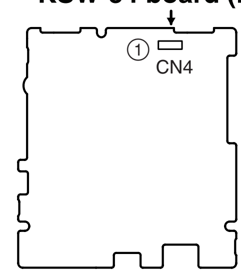
1-8. Connector Location Diagram on Board

The PWM-EX1 uses flexible card wires and coaxial cables with connector. The following diagrams indicate the location of each connector. The location of flexible card cables are indicated by the circle number ① and ②, while the coaxial cables with connector are not indicated by the circle number.

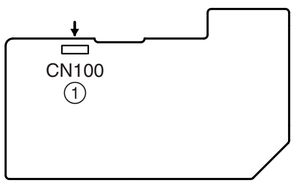
KSW-54 board (A side)



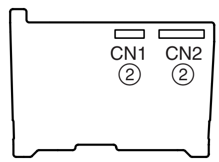
KSW-54 board (B side)



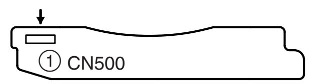
ASW-66 board (A side)



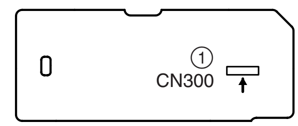
AU-318 board (A side)



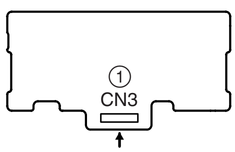
SW-1389 board (B side)



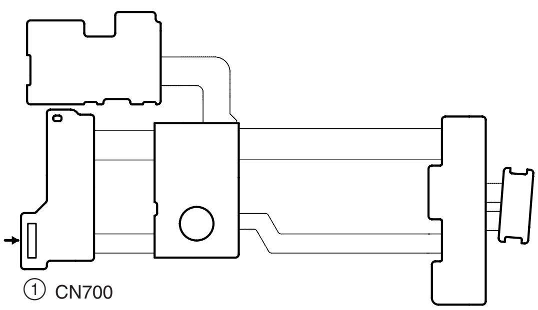
SW-1410 board (B side)



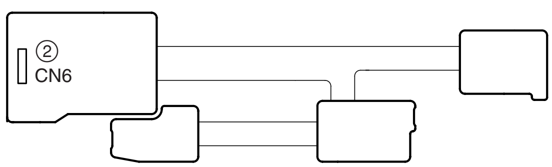
AXM-36 board (A side)



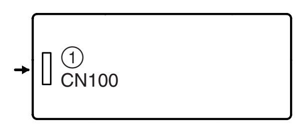
SWC-48 board (A side)



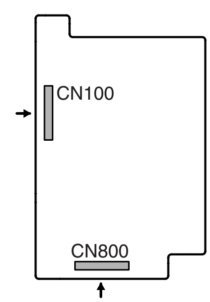
CN-3024 board (A side)



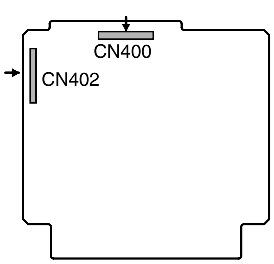
SWC-49 board (B side)



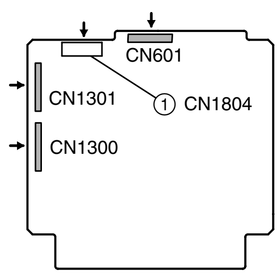
TX-129 board (A side)



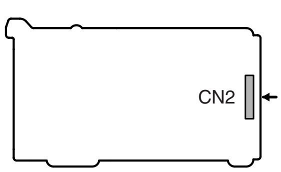
DPR-289 board (A side)



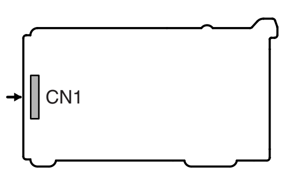
DPR-289 board (B side)



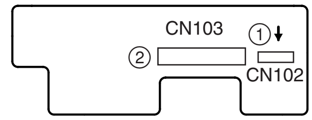
EC-63 board (A side)



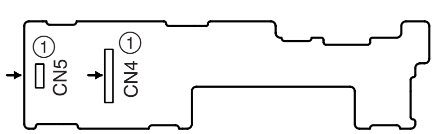
EC-63 board (B side)



IR-42 board (A side)



IF-1069 board (A side)



1-9. Replacing the Flexible Card Wires

Note

The flat cables, flexible card wires and boards are used to connect between the following boards. Life of flexible card wire will be significantly shortened if it is folded. Be very careful not to fold the flat cables, flexible card wires and boards.
The two types of different shape connectors are used in this unit.
Because the direction of the flat cables, flexible card wires and boards are different depending on the shape of the connector, be careful when connecting the flat cables, flexible card wires and boards.

Disconnecting

1. Turn off the power.
2. Slide or lift up the portion A in the direction of the arrow to unlock and pull out the flexible card wire.

Connecting

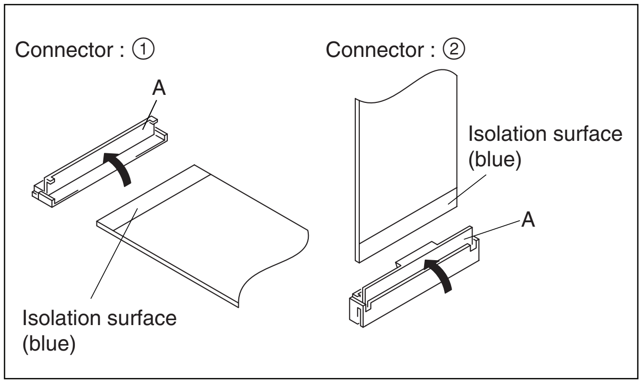
Notes

- Do not insert the coaxial cable with connector sideways.
- Confirm that there is no stain or dust on the contact surface of the coaxial cable with connector.

1. Slide or lift up the portion A in the direction of the arrow and securely insert the flexible card wire into the deep end of the connector.
2. Return the portion A to its original position and lock the connector.

Note

When connecting the flexible card wire, check the connector shape, and great care should be taken for the direction of the contact surface or isolation surface (blue).

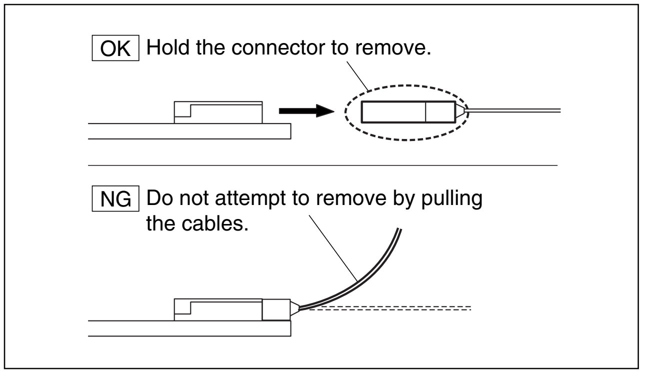


1-10. Replacing the Coaxial Cable with Connector (Fine Pitch Coaxial Cable)

The PWM-EX1 uses coaxial cables with connector.
The following precautions must be observed when removing or connecting the coaxial cable with connector.

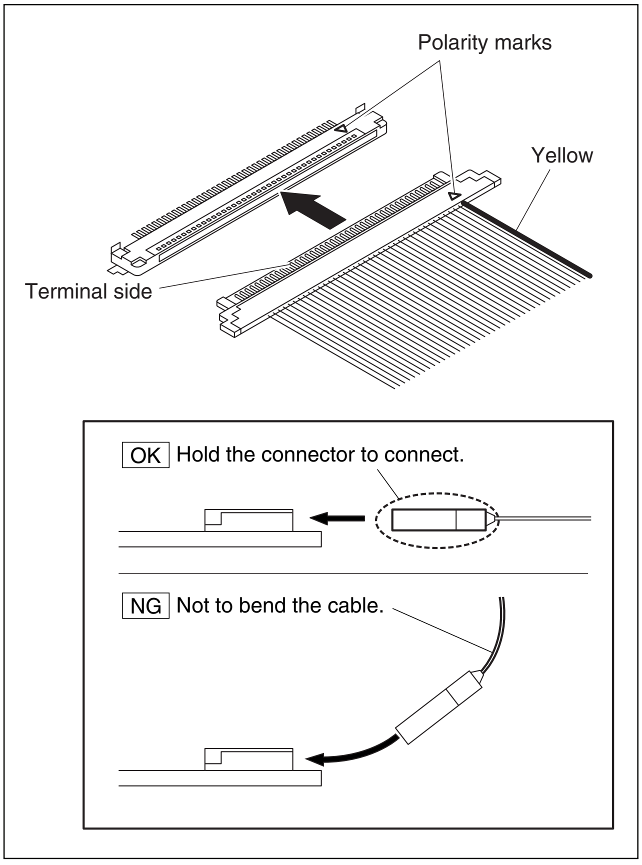
Note on Disconnecting

The coaxial cable with connector uses fine pitch coaxial cables. Be careful when arranging the cable. When disconnecting the coaxial cable with connector, do not attempt to remove by pulling the cable. Be sure to hold the connector to remove.



Note on Connecting

When connecting the coaxial cable with connector, hold the connector matching the polarity marks and insert the coaxial cable straight into the corresponding connector.



1-11. List of Error Numbers on the LCD Display

Error numbers are displayed as E-XXXXX (X indicates a number).

Error No.	Description	Service action
15030	System error	Repair the DPR-289A board or replace it.
17001	Abnormality in the Media ID data in the EEPROM	Rewrite the media ID data in the EEPROM using "ServiceNavi-EX".
17002	The image processor block does not start up.	Repair the DPR-289A board or replace it.
17003	The display block does not start up	
17004	The media block does not start up	
17005	Abnormality in the start-up process of the image processor block	
17006	Abnormality in the start-up process of the display block	
17007	Abnormality in the start-up process of the media block	
17014	Abnormality in lens communication	Check the connection with the lens unit. If there is no defect, replace the lens unit.
17015	Abnormality in the media block	Repair the DPR-289A or replace it.
17016	Abnormality in obtaining the lens switch	Check the connection with the lens unit. If there is no condition defect, replace the lens unit.
17017 or 4XXXX	Internal error in the media block	Repair the DPR-289A board or replace it.

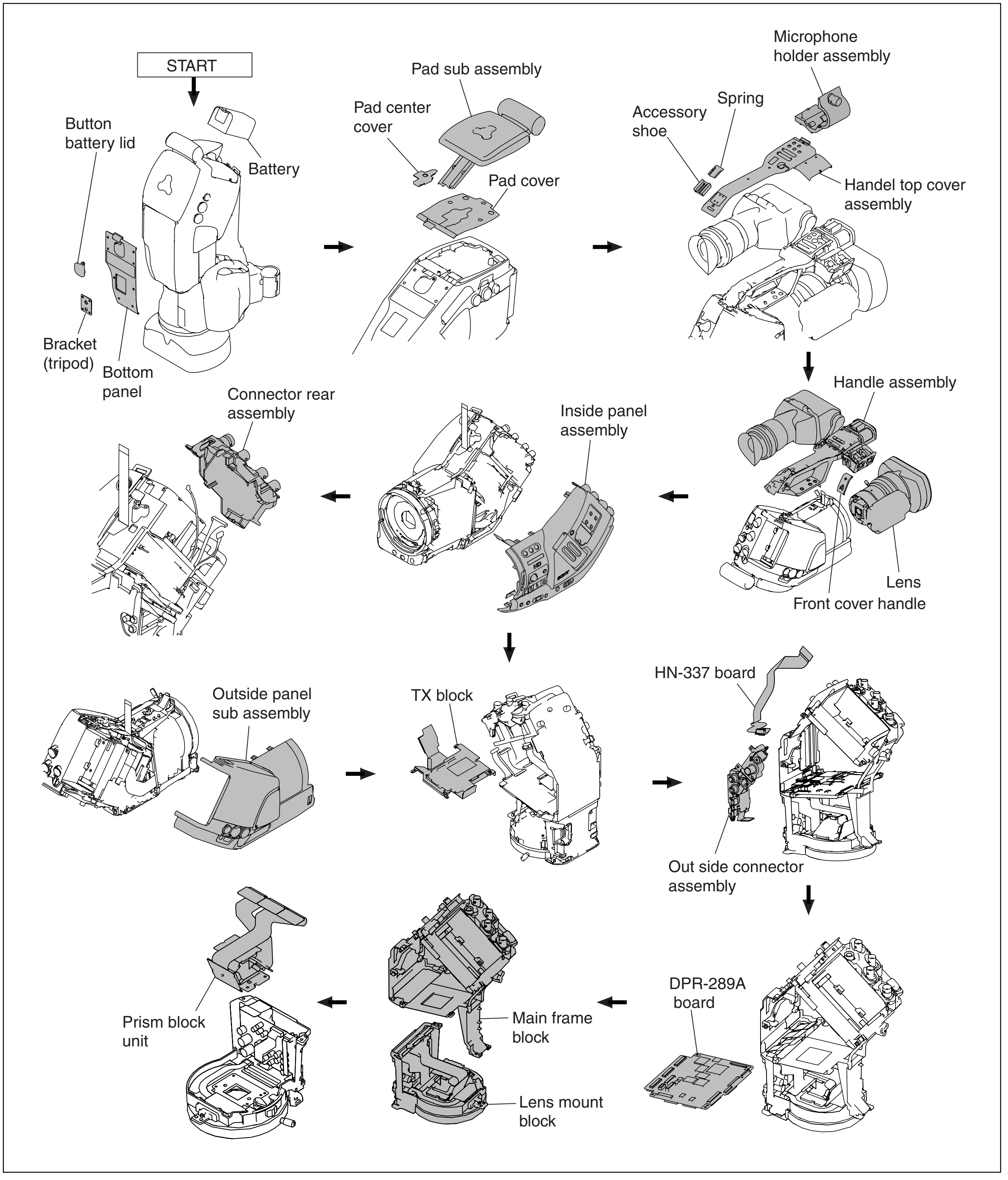
1-12. Servicing software "ServiceNavi-EX"

Servicing software "ServiceNavi-EX" is required for electrical adjustment and self diagnosis.
For how to obtain the "ServiceNavi-EX", contact your local Sony Sales Office/Service Center.

Section 2
Replacement of Main Parts

2-1. Outline of Replacement Procedures

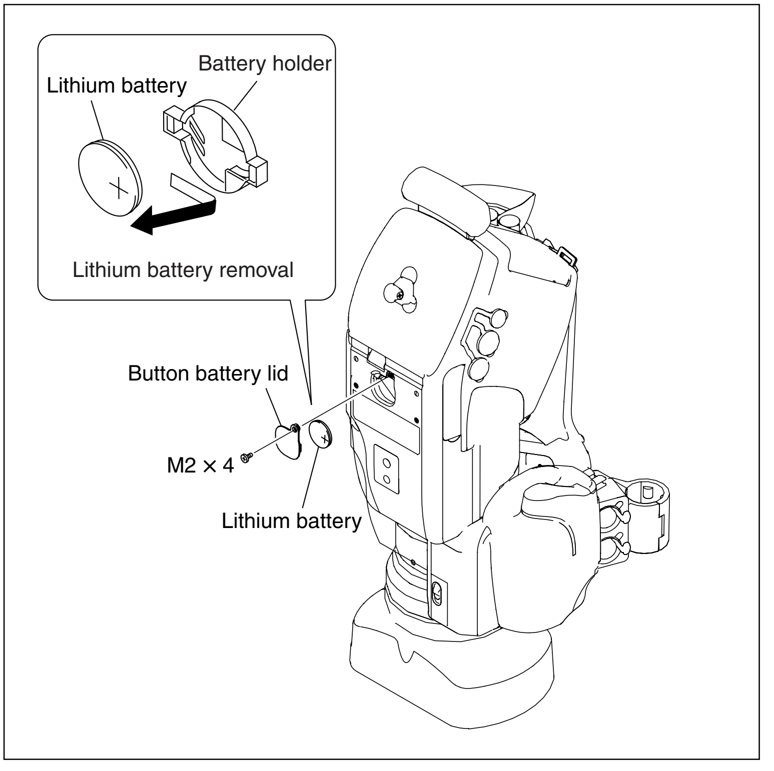
- The following figures show the flow for removing the main parts. Refer to Section 2-2 for details of the replacement procedures.



2-2. Replacement Procedures

2-2-1. Lithium Battery

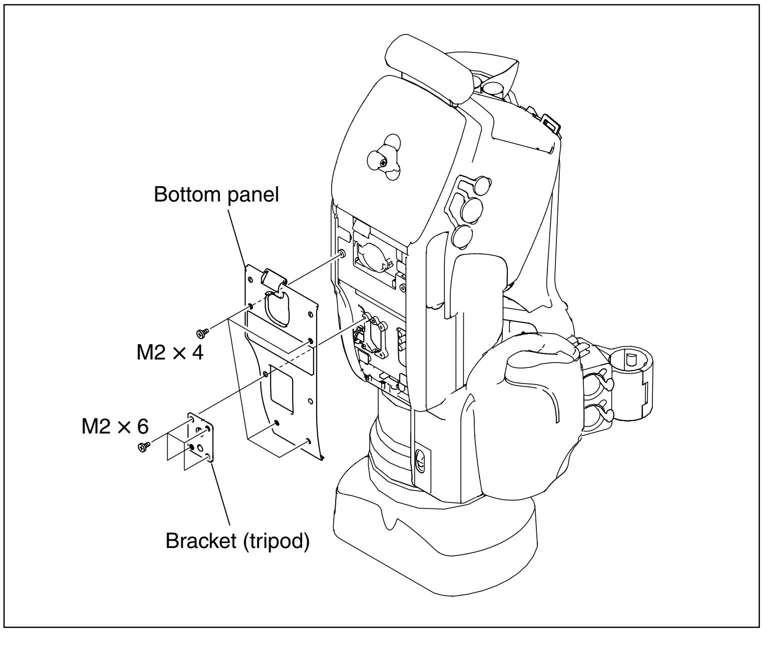
1. Loosen the screw, and remove the button battery lid.
2. Remove the lithium battery.



3. Reinstall the lithium battery by reversing the steps of removal.

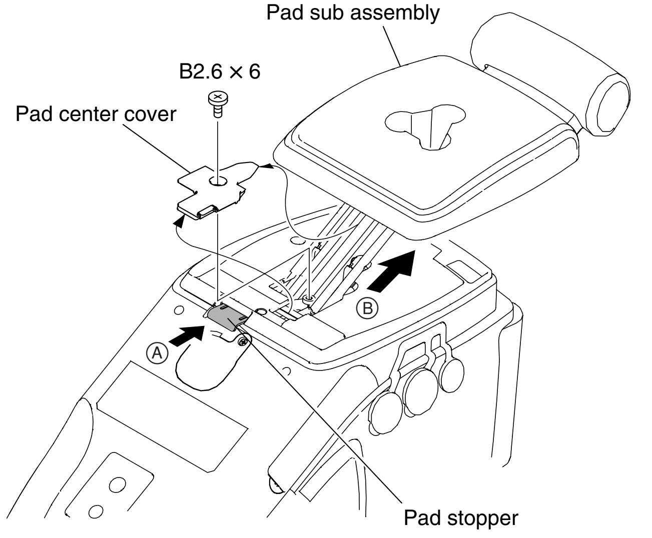
2-2-2. Bottom Panel

1. Remove the button battery lid. (Refer to Section 2-2-1.)
2. Remove the four screws, and remove the bracket (tripod).
3. Remove the four screws, and remove bottom panel.
4. Reinstall the removed parts by reversing the steps of removal.

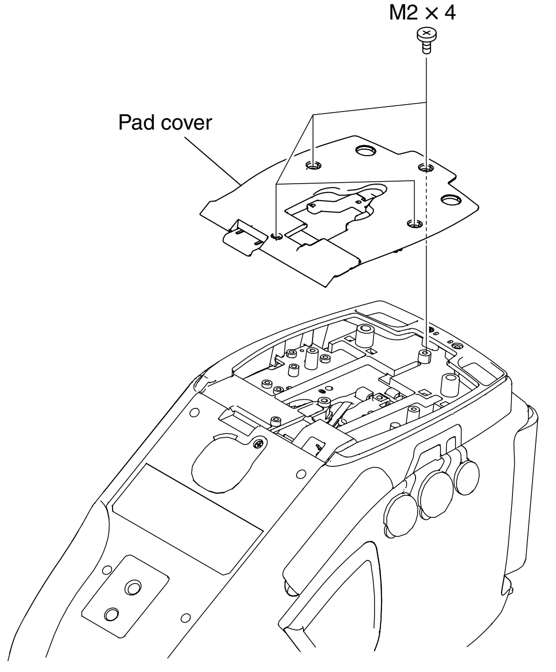


2-2-3. Pad Sub Assembly, Pad Cover

1. Press the pad stopper in the direction of the arrow Ⓐ, while the pad stopper is being unlocked, lift up the pad sub assembly in the direction of the arrow Ⓑ.
2. Remove the screw, and remove the pad center cover.
3. Press the pad stopper in the direction of the arrow Ⓐ, while the pad stopper is being unlocked, remove the pad sub assembly in the direction of arrow Ⓑ.



4. Remove the four screws, and remove the pad cover.



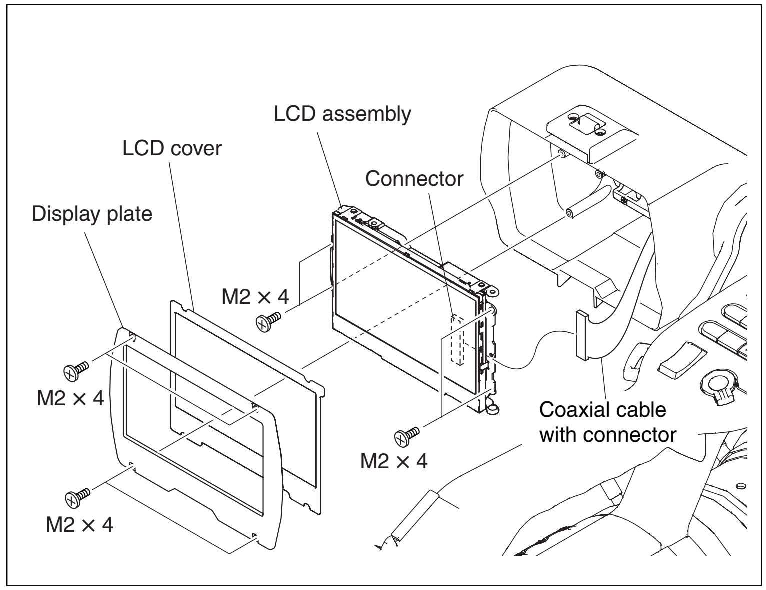
5. Reinstall the removed parts by reversing the steps of removal.

2-2-4. LCD Assembly, CT-251 Board

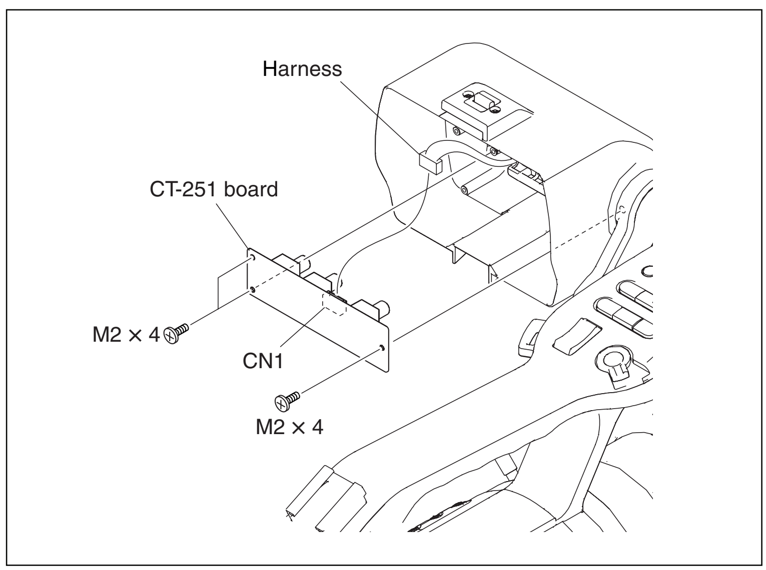
1. Remove the four screws, and remove the display plate and the LCD cover.
2. Remove the four screws of the LCD assembly.
3. Disconnect the coaxial cable with connector from the connector, and remove the LCD assembly.

   Note

   The coaxial cable with connector uses the fine pitch coaxial cable. Be careful when arranging the harness. When disconnecting the coaxial cable with connector, never remove it by pulling the harness. Be sure to hold the connector to remove.



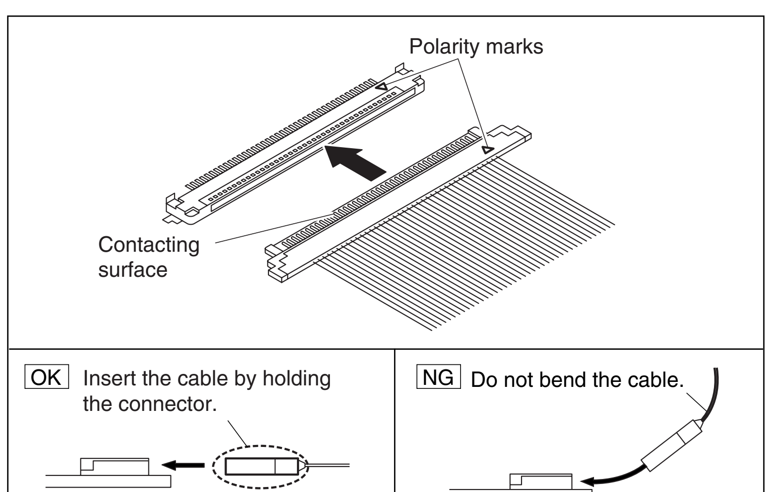
4. Remove the three screws from the CT-251 board.
5. Disconnect the harness from the connector (CN1), and remove the CT-251 board.



6. Reinstall the removed parts by reversing the steps of removal.

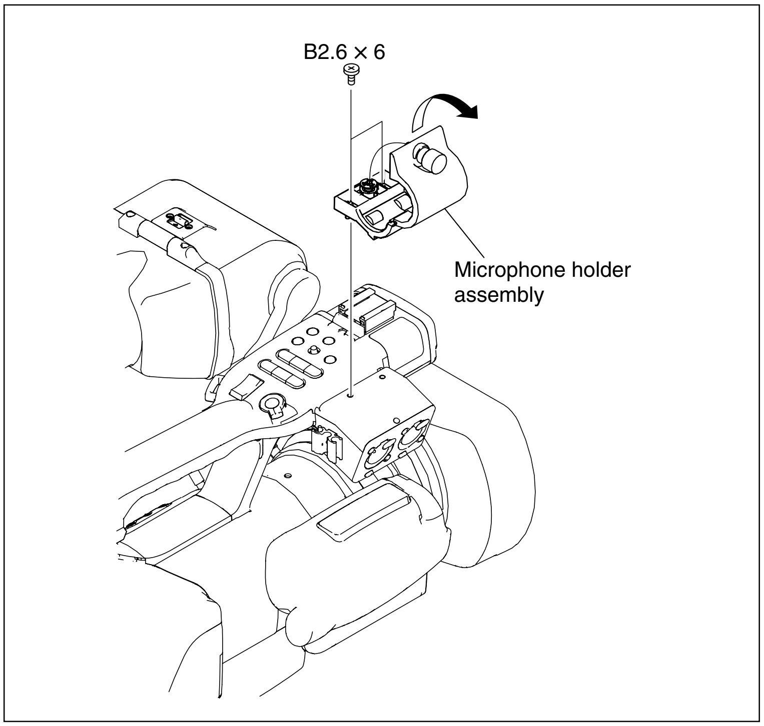
   Notes

   When connecting the coaxial cable with connector, be careful of the following points:
   - Do not insert the connector at a slant angle.
   - Check to see that the contacting surface is free from stain and dust.
   - Hold the connector with its contacting surface facing upward, and check that the polarity marks are aligned.

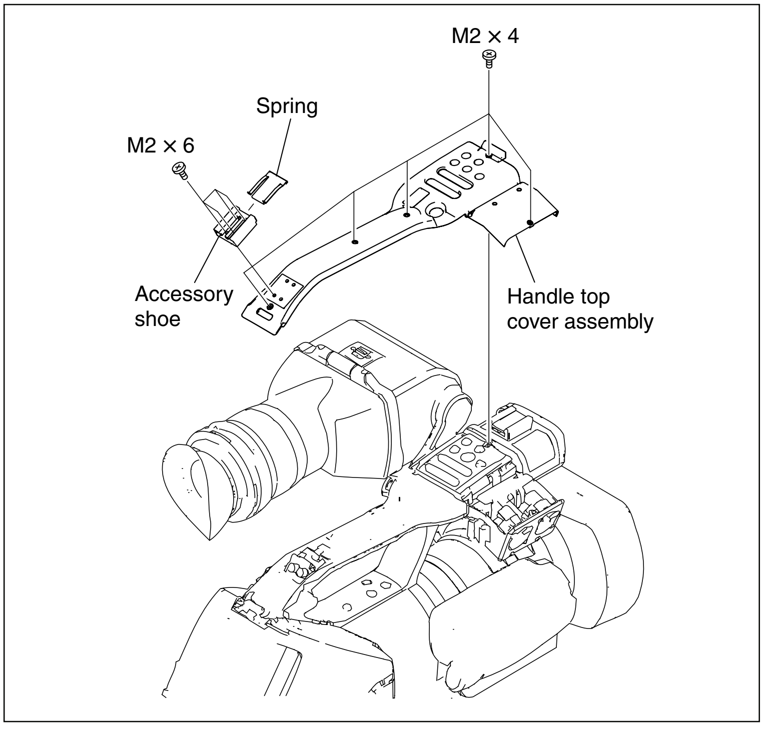


2-2-5. Handle Top Cover Assembly

1. Open the microphone holder assembly.
2. Remove the two screws, and remove the microphone holder assembly.



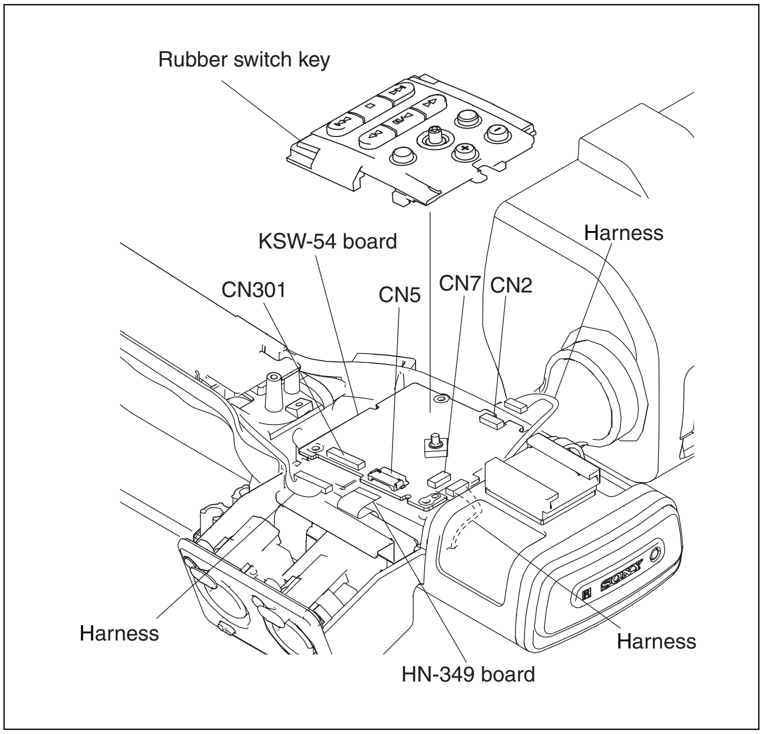
3. Remove the spring and the four screws, and remove the accessory shoe.
4. Remove the five screws, and remove the handle top cover assembly.



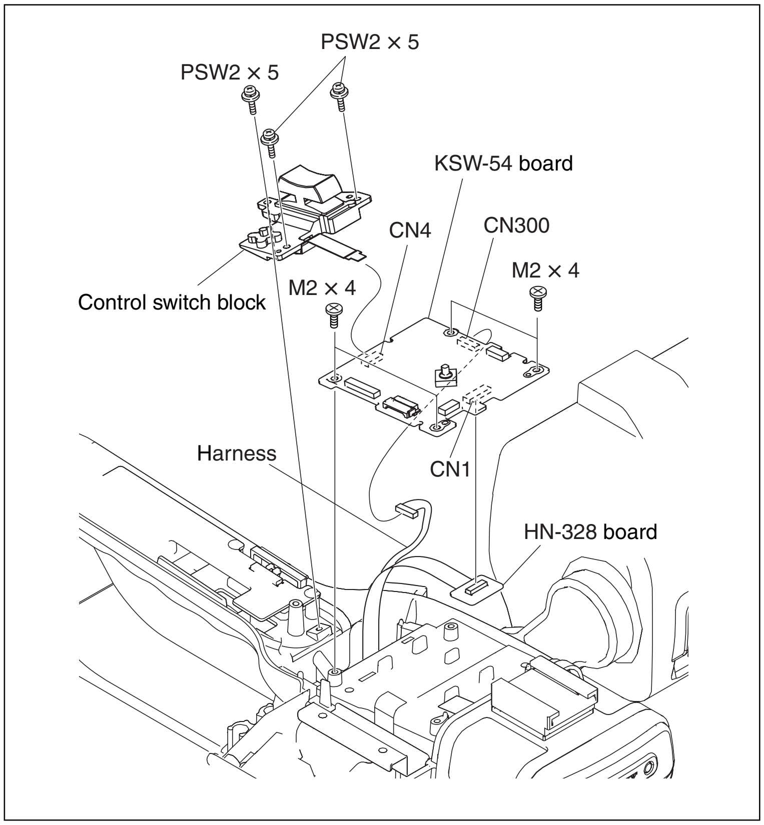
5. Reinstall the removed parts by reversing the steps of removal.

2-2-6. KSW-54 Board, Control Switch Block

1. Refer to Section 2-2-5 and remove the "Handle Top Cover Assembly".
2. Remove the rubber switch key.
3. Disconnect the HN-349 board from the connector (CN5).
4. Disconnect the three harnesses from the three connectors (CN2, CN7 and CN301).



5. Remove the three screws securing the control switch block.
6. Remove the four screws securing the KSW-54 board.
7. Disconnect the harness from the connector (CN300) on side-B of the KSW-54 board.
8. Disconnect the control switch block from the connector (CN4) on side-B of the KSW-54 board.
9. Disconnect the HN-328 board from the connector (CN1) on side-B of the KSW-54 board.



10. Reinstall the removed parts by reversing the steps of removal.

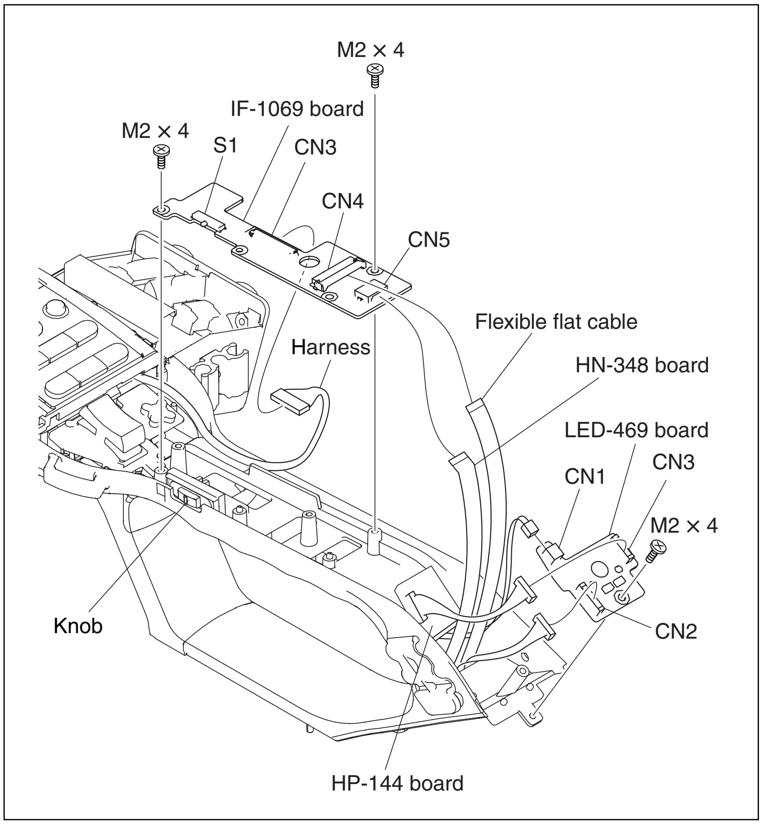
2-2-7. IF-1069 Board, LED-469 Board

1. Refer to Section 2-2-5 and remove the “Handle Top Cover Assembly”.
2. Disconnect the flexible flat cable from the connector (CN4) on the IF-1069 board.

   Note

   The life of the flexible board and the flexible flat cable will be significantly shortened if they are folded. Be very careful not to fold them.

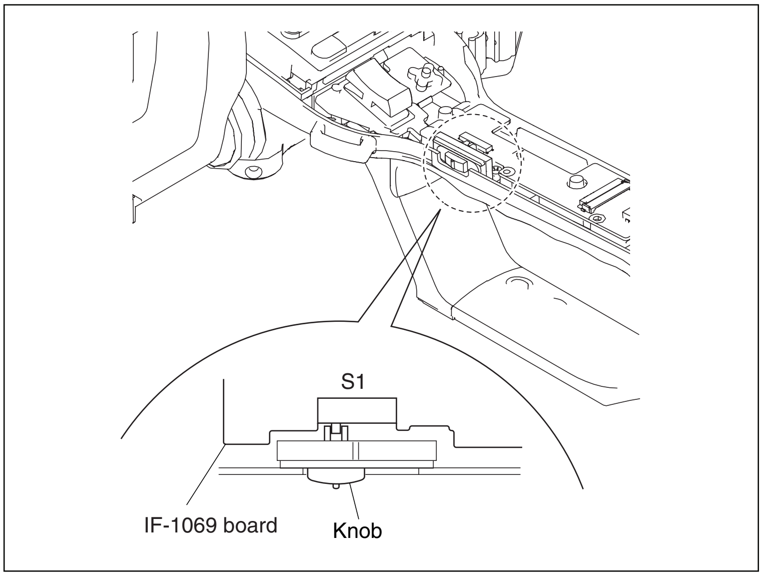
3. Disconnect the HN-348 board from the connector (CN5) on the IF-1069 board.
4. Disconnect the harness from the connector (CN3) on the IF-1069 board.
5. Remove the two screws, and remove the IF-1069 board.
6. Disconnect the three harnesses from the three connectors (CN1, CN2, CN3) on the LED-469 board.
7. Remove the screw, and remove the LED-469 board.



8. Reinstall the removed parts by reversing the steps of removal.

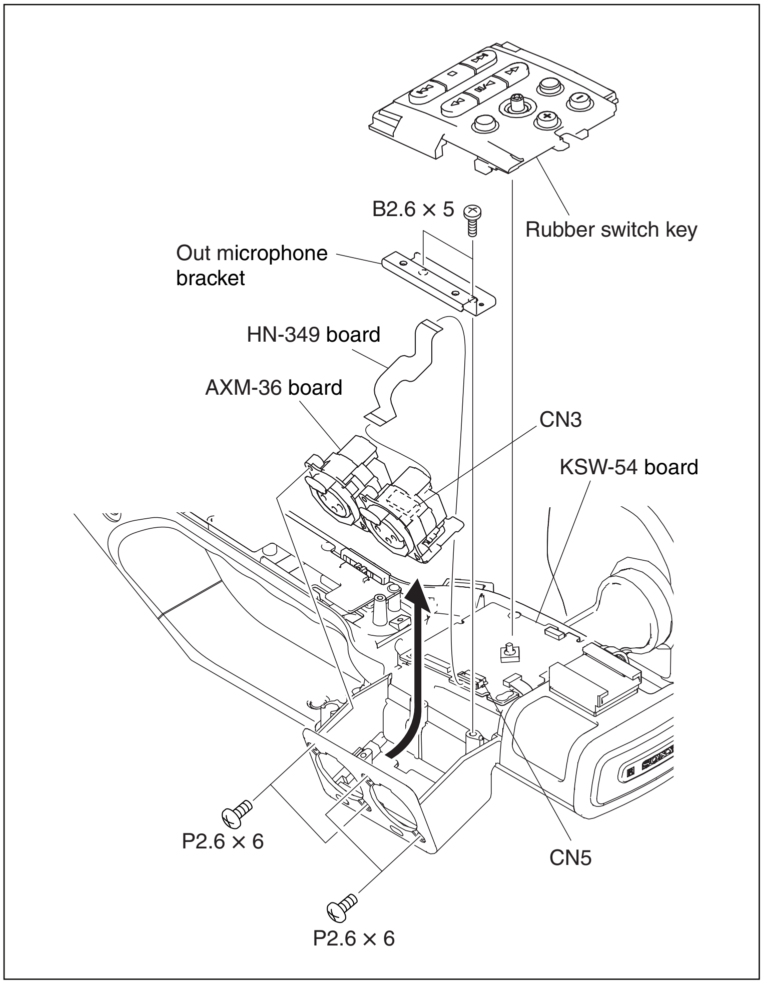
   Note

   Check that the switch (S1) on the IF-1069 board engages with the knob.



2-2-8. AXM-36 Board, HN-349 Board

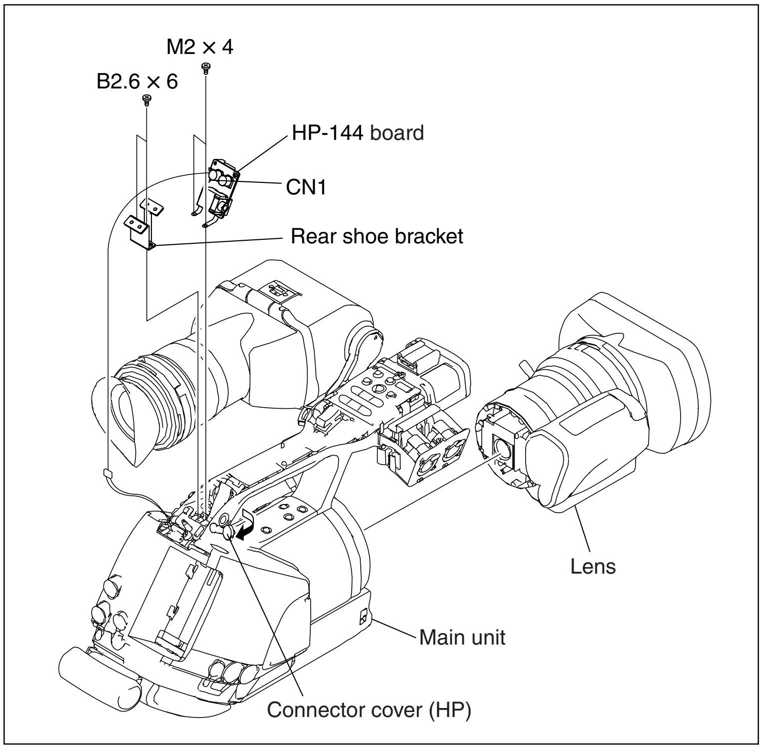
1. Refer to Section 2-2-5 and remove the “Handle Top Cover Assembly”.
2. Remove the rubber switch key.
3. Remove the two screws, and remove the out microphone bracket.
4. Disconnect the HN-349 board from the connector (CN5) on the KSW-54 board.
5. Remove the four screws, and remove the AXM-36 board in the direction of the arrow.
6. Disconnect the HN-349 board from the connector (CN3) on the AXM-36 board.



7. Reinstall the removed parts by reversing the steps of removal.

2-2-9. Handle Assembly

1. Refer to Section 2-2-5 and remove the "Handle Top Cover Assembly".
2. Remove the two screws, and remove the rear shoe bracket.
3. Disconnect the harness from the connector (CN1) on the HP-144 board.
4. Remove the connector cover (HP) and the two screws, and remove the HP-144 board.
5 Remove the lens from the main unit.

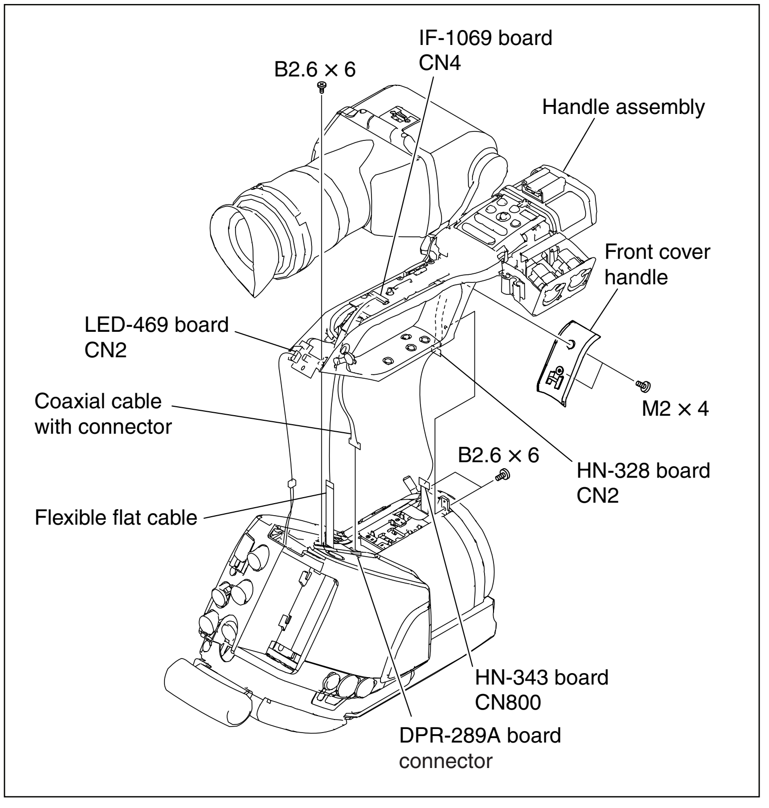


6. Disconnect the flexible flat cable from the connector (CN4) on the IF-1069 board.

Note

The life of the flexible board and the flexible flat cable will be significantly shortened if they are folded. Be very careful not to fold them.

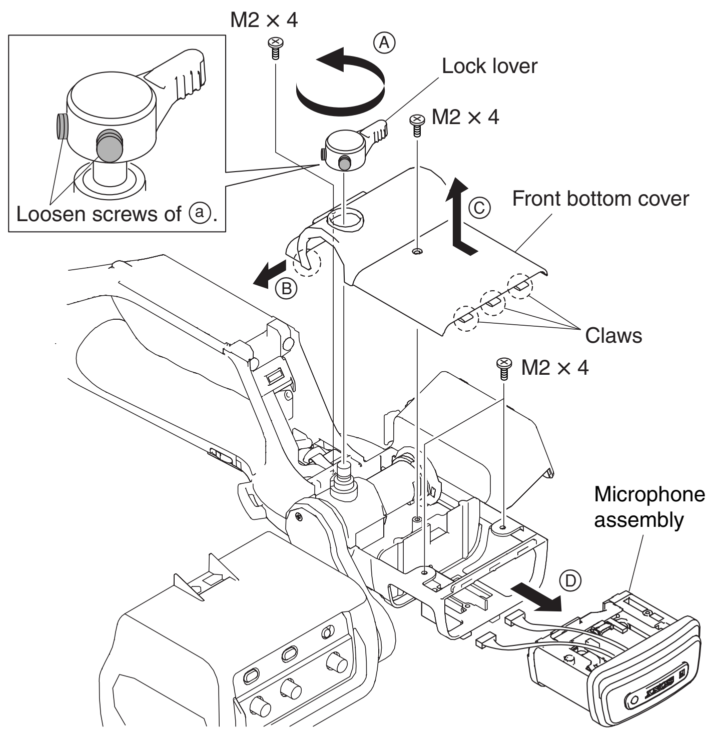
7. Disconnect the harness from the connector (CN2) on the LED-469 board.
8. Remove the two screws, and remove the front cover handle.
9. Disconnect the connector (CN2) of the HN-328 board from the connector (CN800) on the HN-343 board.
10. Remove the three screws. Lift up the handle assembly and disconnect the connector on the DPR-289A board.



11. Reinstall the removed parts by reversing the steps of removal.

2-2-10. Microphone Assembly

1. Refer to Sections 2-2-5, 2-2-6 and 2-2-9, and remove the “Handle Assembly” removal.
2. Turn the lock lever in the direction of arrow Ⓐ, loosen the two screws of ⓐ, and remove the lock lever.
3. Remove the two screws securing the front bottom cover.
4. While pushing the front bottom cover in the direction of arrow Ⓑ paying attention not to damage the three claws, remove the front bottom cover in the direction of arrow Ⓒ.
5. Remove the two screws, and pull out the microphone assembly in the direction of arrow Ⓓ.

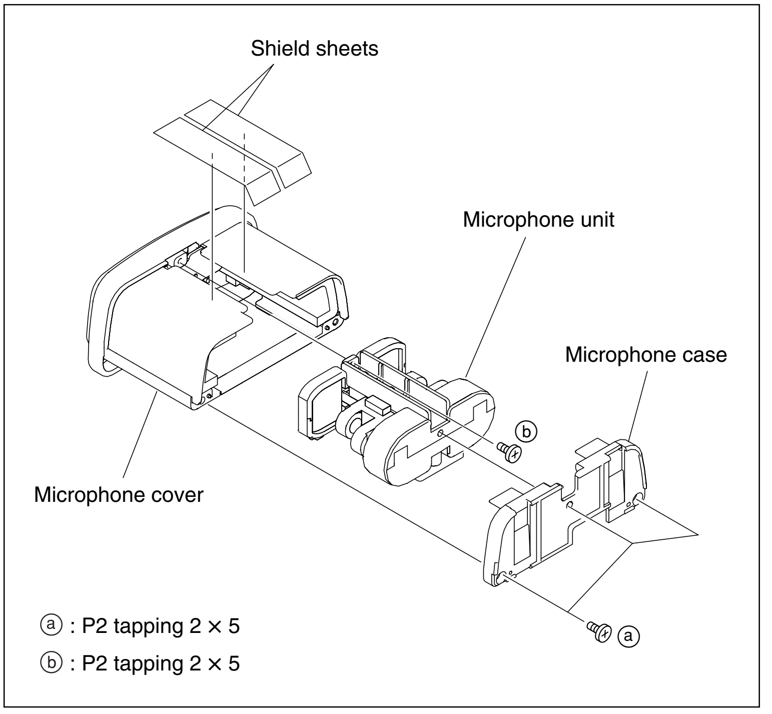


ⓐ : Double-point set screw

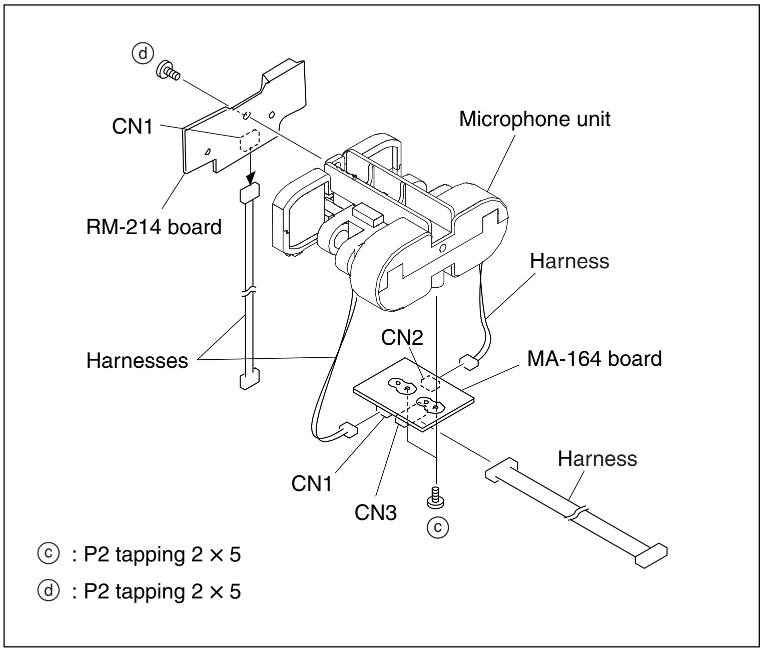
6. Reinstall the removed parts by reversing the steps of removal.

2-2-11. Microphone Unit, MA-164 Board, RM-214 Board

1. Refer to Sections 2-2-5, 2-2-6, 2-2-9 and 2-2-10, and disassemble the unit up to “Microphone Assembly” removal.
2. Remove the shield sheet.
3. Remove the three screws of ⓐ, and remove the microphone case.
4. Remove the screw of ⓑ, and remove the microphone unit.



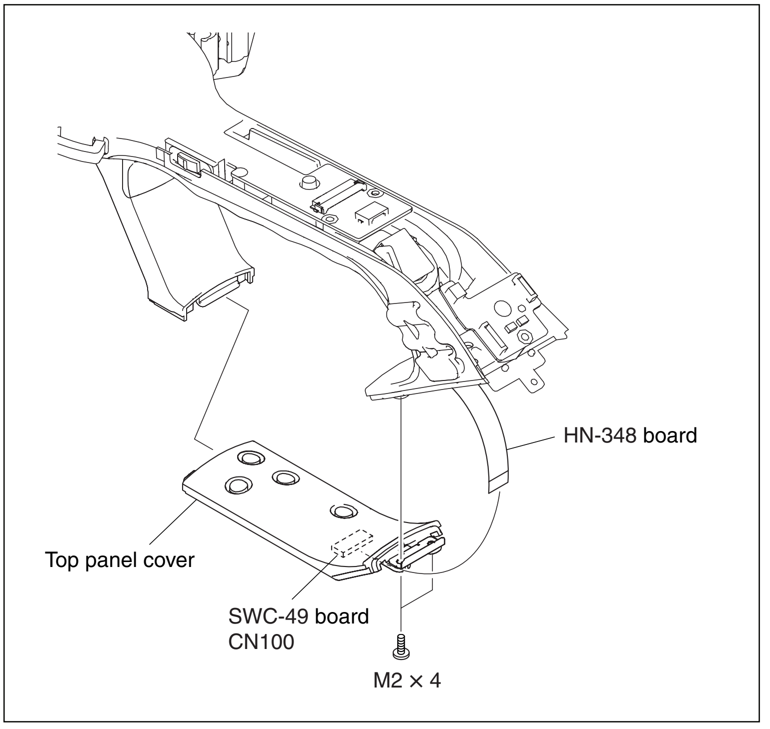
5. Disconnect the three harnesses from the three connectors (CN1, CN2, CN3) on the MA-164 board.
6. Remove the two screws of ⓒ, and remove the MA-164 board.
7. Disconnect the harness from the connector (CN1) on the RM-214 board.
8. Remove the screw of ⓓ, and remove the RM-214 board.



9. Reinstall the removed parts by reversing the steps of removal.

2-2-12. SWC-49 Board

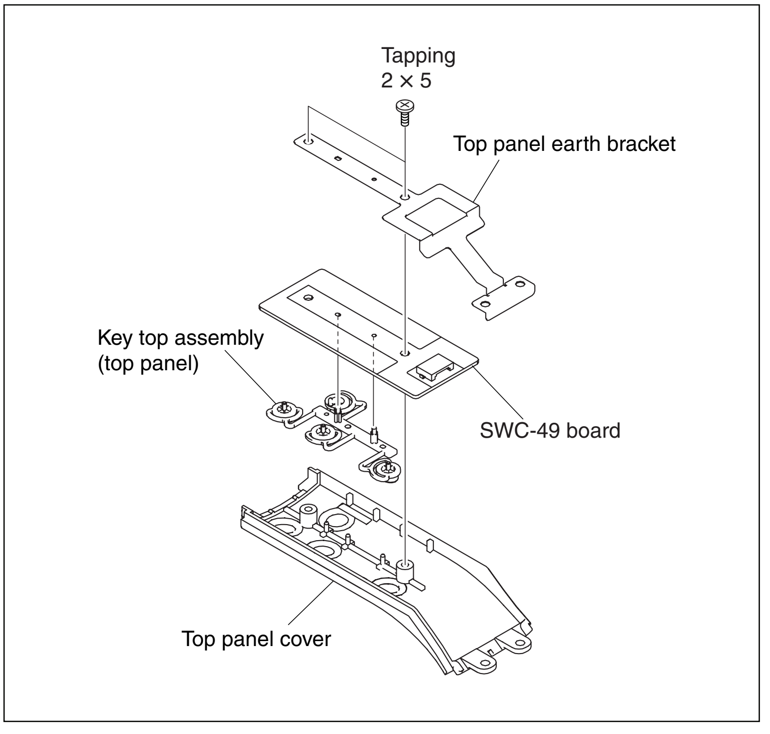
1. Refer to Sections 2-2-5, and 2-2-9, and disassemble the unit up to “Handle Assembly” removal.
2. Disconnect the HN-348 board from the connector (CN100) on the SWC-49 board.
3. Remove the two screws, and remove the top panel cover.



4. Remove the two screws. Remove the top panel earth bracket, the SWC-49 board and the key top assembly (top panel).

Note

The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.



5. Reinstall the removed parts by reversing the steps of removal.

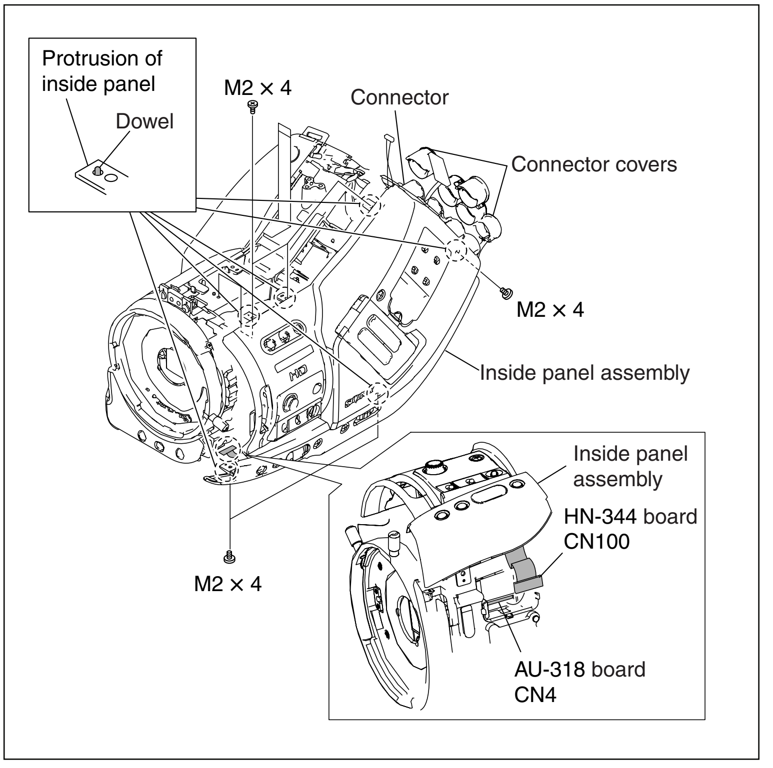
2-2-13. Inside Panel Assembly

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5 and 2-2-9, and disassemble the unit up to "Handle Assembly" removal.
2. Remove the two connector covers from the connectors.
3. Remove the six screws. Disengage the six protrusions of the inside panel from the corresponding six dowels until the inside panel floats slightly.

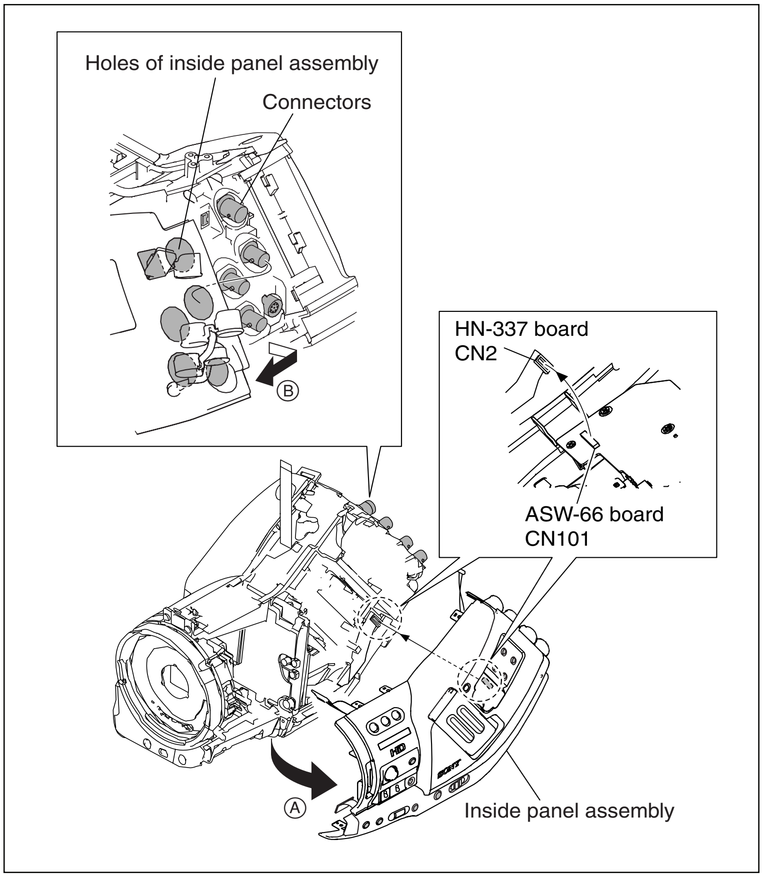
   Note

   The inside panel is connected to the AU-318 board via HN-344 board.

4. Disconnect the HN-344 board connector (CN100) from the AU-318 board connector (CN4) that is located in the bottom of the unit.



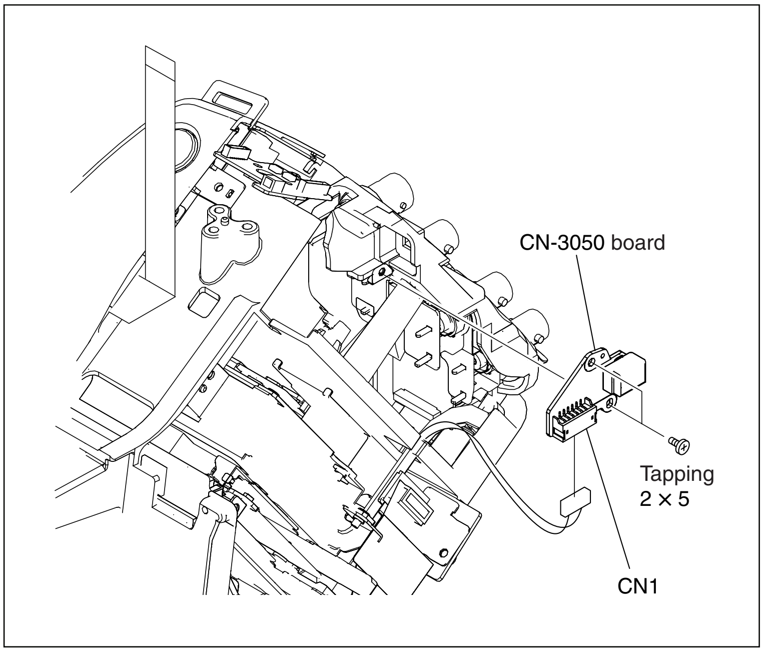
5. Remove the inside panel assembly slightly in the direction of arrow Ⓐ.
6. Disconnect the six connectors and remove them through the six holes, and remove the inside panel assembly in the direction of arrow Ⓑ.
7. Disconnect the connector (CN2) of the HN-337 board from the connector (CN101) of the ASW-66 board, and remove the inside panel assembly.



8 Reinstall the removed parts by reversing the steps of removal.

2-2-14. CN-3050 Board

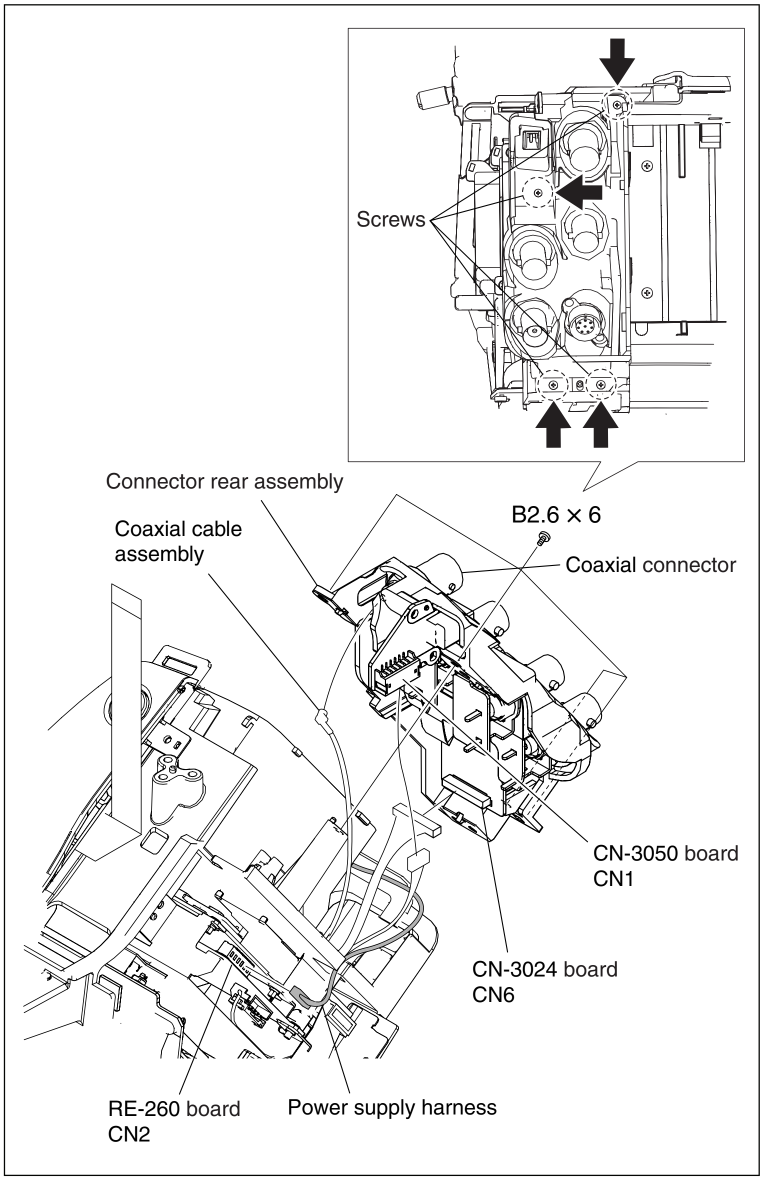
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9 and 2-2-13, and disassemble the unit up to “Inside Panel Assembly” removal.
2. Disconnect the harness from the connector (CN1) on the CN-3050 board.
3. Remove the two screws, and remove the CN-3050 board.



4. Reinstall the removed parts by reversing the steps of removal.

2-2-15. Connector Rear Assembly

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9 and 2-2-13, and disassemble the unit up to "Inside Panel Assembly" removal.
2. Disconnect the power supply harness from the connector (CN2) on the RE-260 board.
3. Remove the four screws, and remove the connector rear assembly.
4. Disconnect the harness from the connector (CN6) on the CN-3024 board.
5. Disconnect the harness from the connector (CN1) on the CN-3050 board.
6. Disconnect the coaxial cable assembly from the coaxial connector, and remove the connector rear assembly.



7. Reinstall the removed parts by reversing the steps of removal.

2-2-16. ASW-66 Board, SW-1412 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9 and 2-2-13, and disassemble the unit up to “Inside Panel Assembly” removal.
2. Disconnect the connectors and the AU volume block from the three connectors (CN100, CN102, CN103) on the ASW-66 board.
3. Release the harness from the two claws of the inside panel assembly. (Refer to Fig. 2.)
4. Remove the four screws, and remove the ASW-66 board in the direction of the arrow. (Refer to Fig. 1.)
5. Remove two pieces of the AU slide switch (1) and two pieces of the AU slide switch (2) of the ASW-66 board from the corresponding AU slide levers. (Refer to Fig. 1.)

   Note

   Be careful not drop the AU slide switches so as not to lose them.

6. Remove the AU slide switch guide from the ASW-66 board.
7. Disconnect the harness from the connector (CN100) on the SW-1412 board.
8. Remove the two screws, and remove the SW-1412 board.

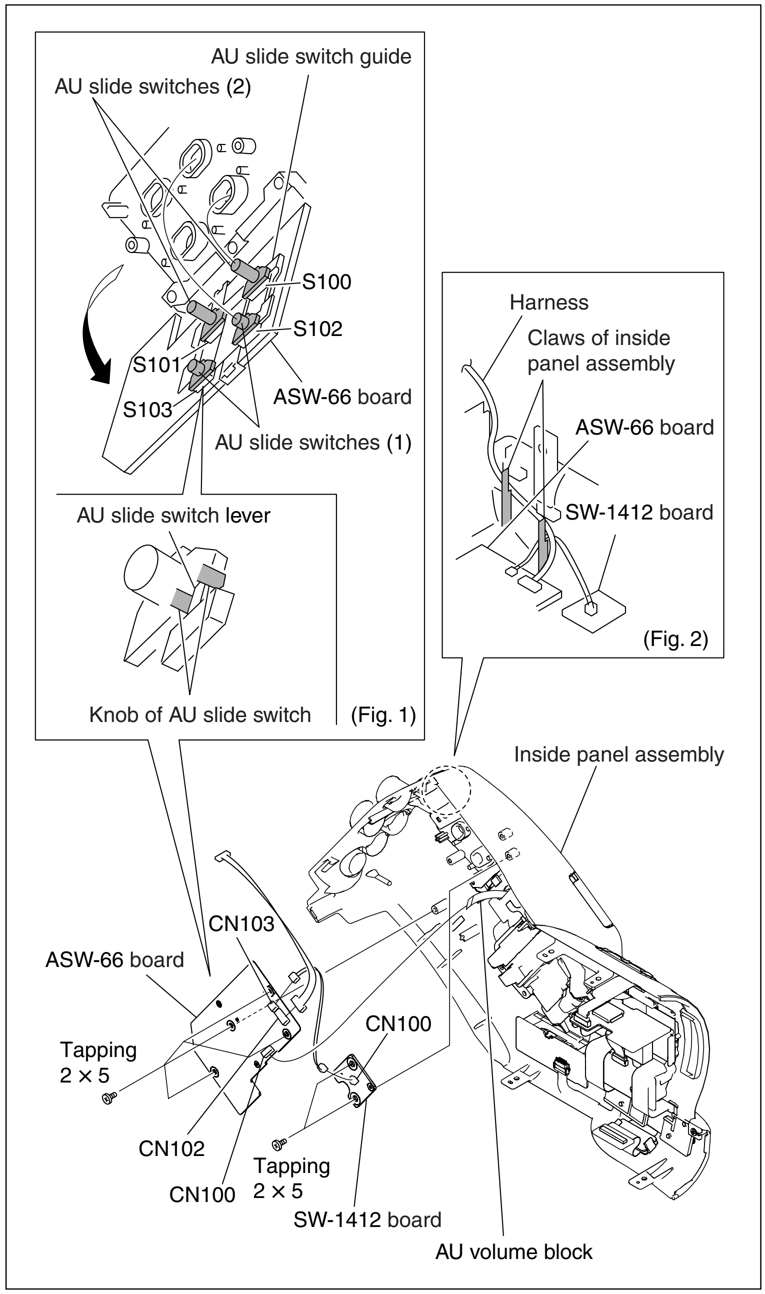
Notes

- The life of the flexible board and flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.
- Be careful not to make mistake the AU slide switch (1) for the AU slide switch (2) because they are different in size.

9. Reinstall the removed parts by reversing the steps of removal.

   Note

   Check that the four knobs of the AU slide switch are normally engaged with the four corresponding switches (S100 through S103) on the ASW-66 board.

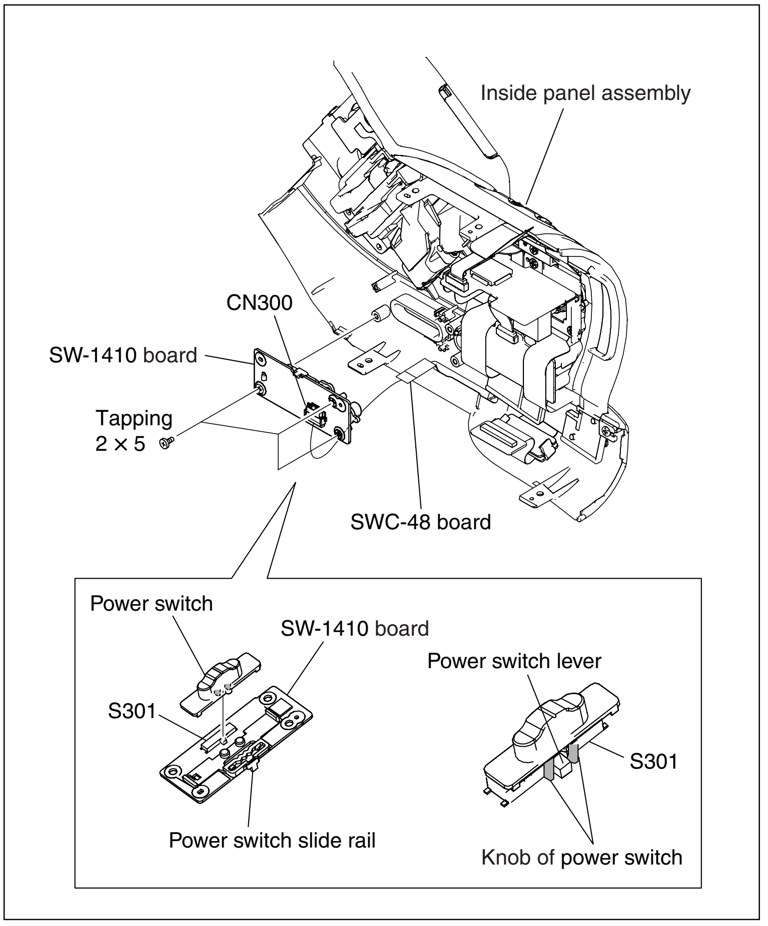


2-2-17. SW-1410 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9 and 2-2-13, and disassemble the unit up to “Inside Panel Assembly” removal.
2. Disconnect the SWC-48 board from the connector (CN300) on the SW-1410 board.
3. Remove the three screws, and remove the SW-1410 board.
4. Remove the power switch from the power switch lever of the SW-1410 board.
5. Remove the power switch slide rail from the SW-1410 board.

Note

Be careful not to drop and lose the power switch.



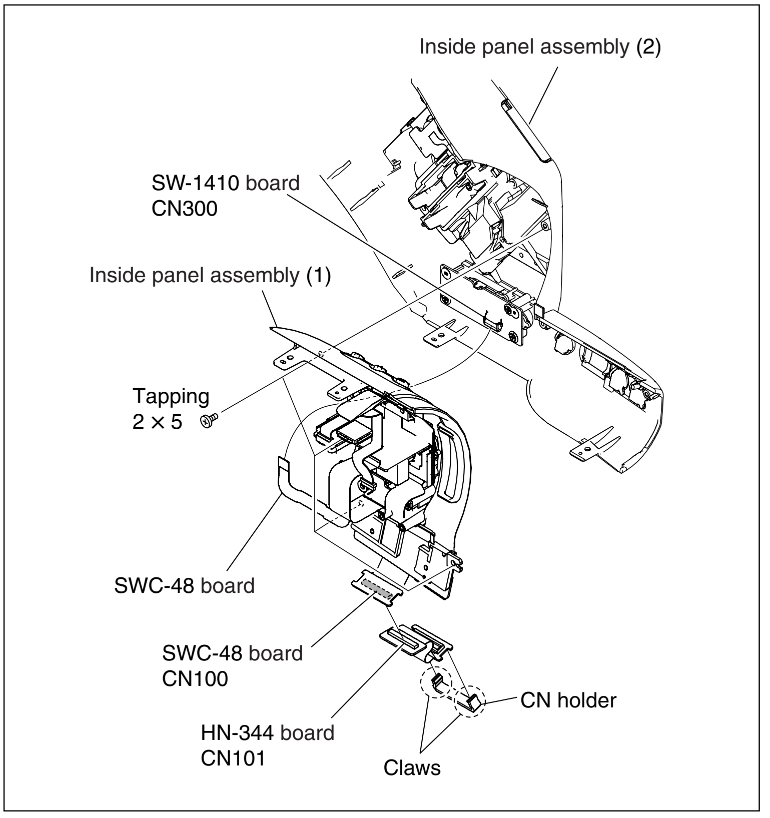
6. Reinstall the removed parts by reversing the steps of removal.

   Note

   Check that the knob of the power switch is normally engaged with the switch (S301) on the SW-1410 board.

2-2-18. HN-344 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9 and 2-2-13, and disassemble the unit up to “Inside Panel Assembly” removal.
2. Disconnect the SWC-48 board from the connector (CN300) on the SW-1410 board.
3. Remove the four screws, and remove the inside panel assembly (1).
4. Disengage the two claws, and remove the CN holder.
5. Disconnect the HN-344 board connector (CN101) from the SWC-48 board connector (CN100).



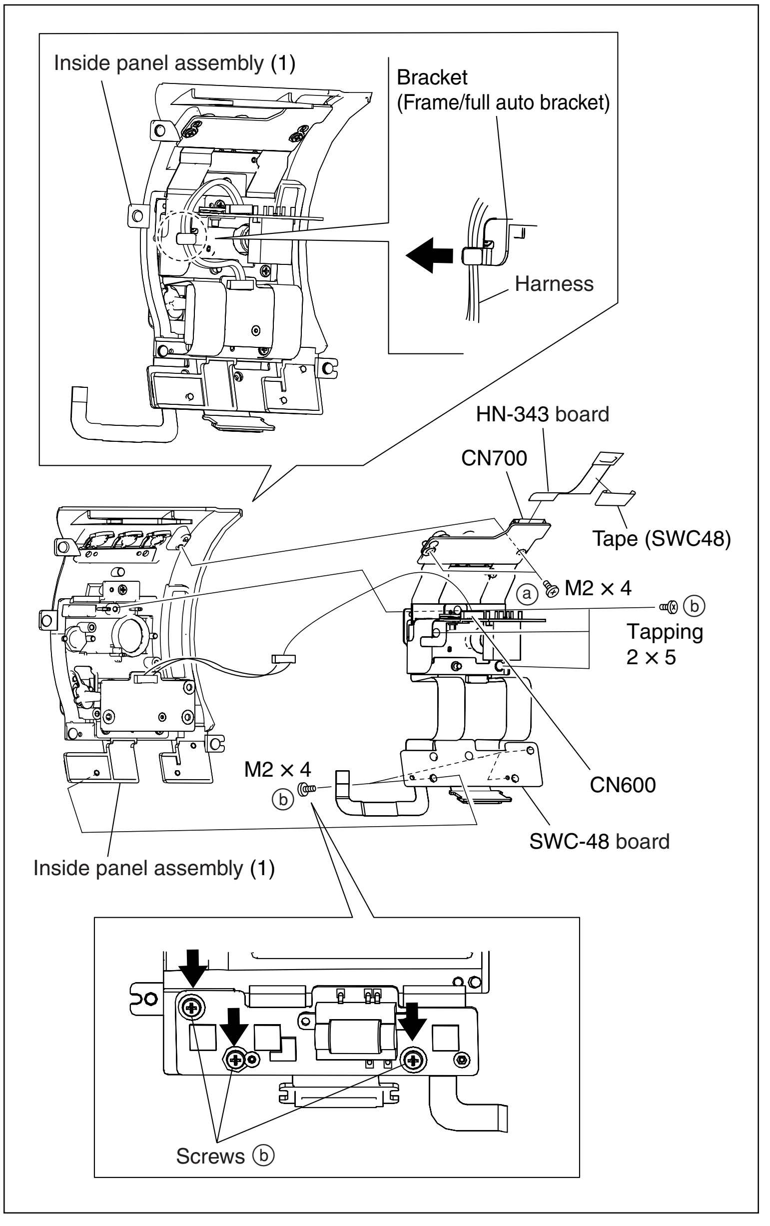
6. Reinstall the removed parts by reversing the steps of removal.

2-2-19. HN-343 Board, SWC-48 Board

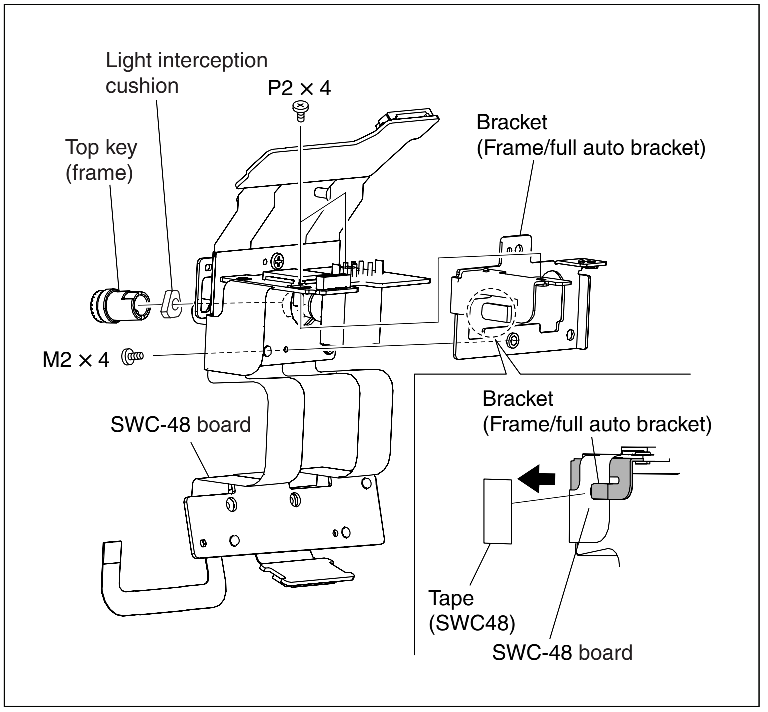
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13 and 2-2-18, and disassemble the unit up to “HN-344 Board” removal.
2. Remove the two screws of ⓐ, and disconnect the HN-343 board from the connector (CN700) on the SWC-48 board.
3. Remove the tape (SWC48) from the HN-343 board.
4. Disconnect the harness from the connector (CN600) on the SWC-48 board. Remove the harness from the bracket (frame/full auto bracket) in the direction of the arrow.
5. Remove the six screws of ⓑ, and remove the SWC-48 board.

Note

The life of the flexible board and flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.



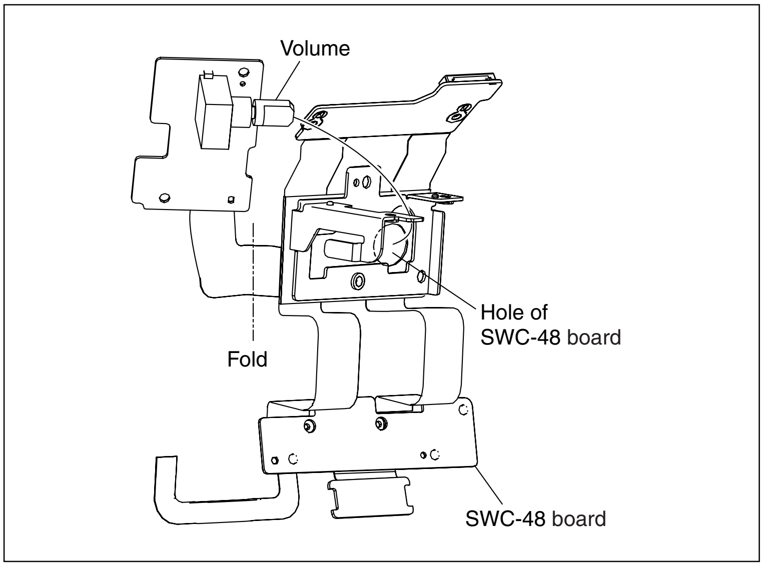
6. Remove the top key (frame) and the light interception cushion from the SWC-48 board.
7. Remove the tape (SWC48) from the SWC-48 board.
8. Remove the three screws, and remove the SWC-48 board from the bracket (frame/full auto bracket).



9. Reinstall the removed parts by reversing the steps of removal.

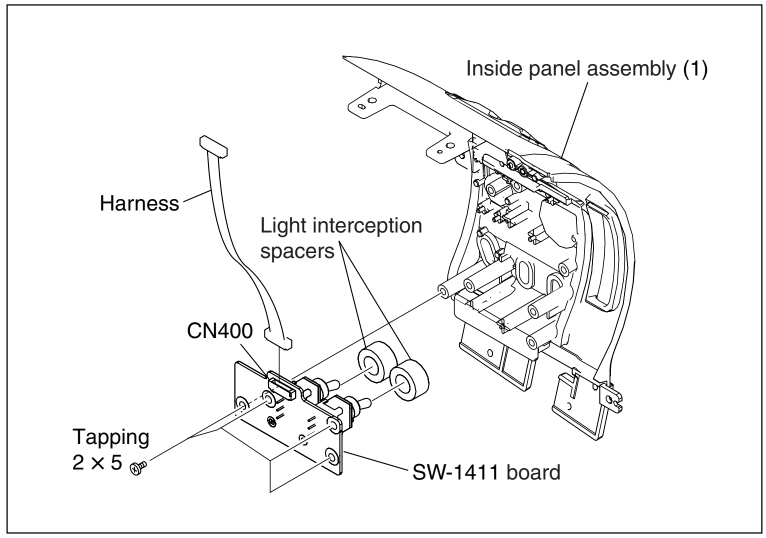
Note

The life of the flexible board and flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.



2-2-20. SW-1411 Board

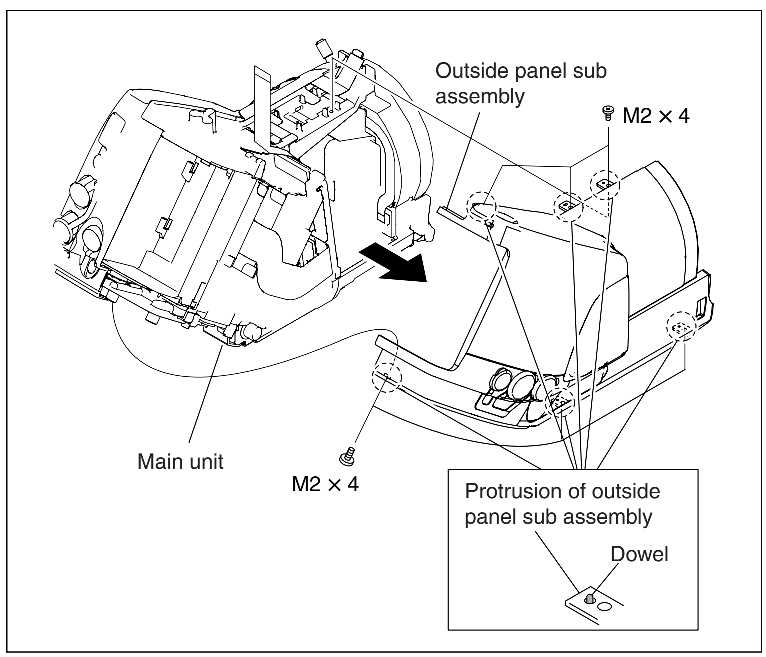
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-18 and 2-2-19, and disassemble the unit up to “SWC-48 Board” removal.
2. Disconnect the harness from the connector (CN400) on the SW-1411 board.
3. Remove the four screws, and remove the SW-1411 board.
4. Remove the two light interception spacers from the inside panel assembly (1).



5. Reinstall the removed parts by reversing the steps of removal.

2-2-21. Outside Panel Sub Assembly

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5 and 2-2-9, and disassemble the unit up to “Handle Assembly” removal.
2. Remove the six screws. Disengage the six protrusions of the outside panel sub assembly from the corresponding six dowels, and remove the outside panel sub assembly in the direction of the arrow.



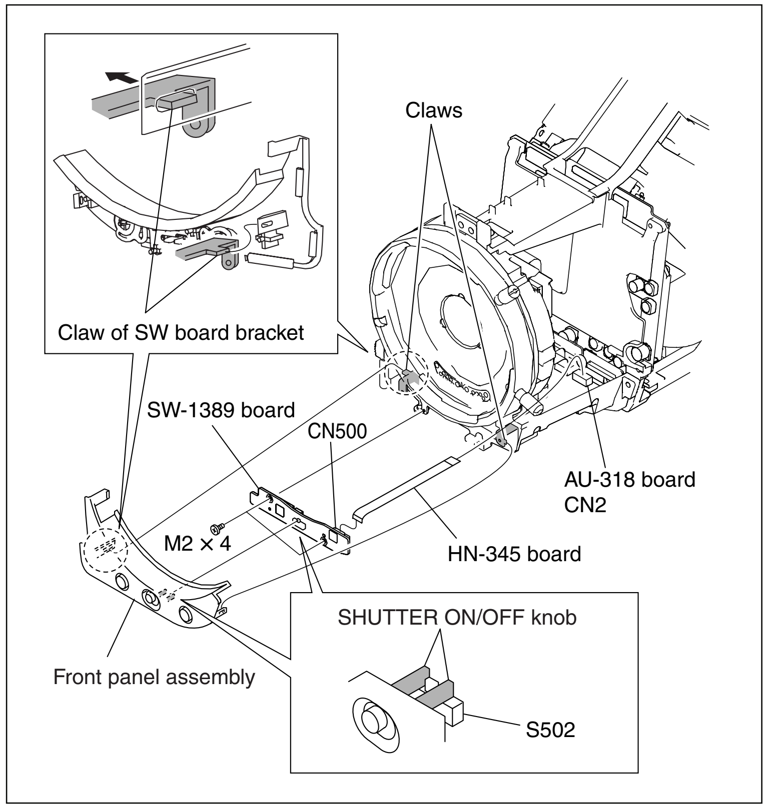
3. Reinstall the removed parts by reversing the steps of removal.

Note

When installing the outside panel sub assembly (to be abbreviated as “O-assembly” hereafter), stand the unit and the O-assembly vertically. Then, move the O-assembly toward the unit in parallel with the unit, and install the O-assembly.
Do not install the O-assembly at an angle.

2-2-22. SW-1389 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13 and 2-2-21, and disassemble the unit up to "Outside Panel Sub Assembly" removal.
2. Disengage the claw and the two dowels of the front panel from the SW board bracket.
3. Disconnect the HN-345 board from the connector (CN2) on the AU-318 board.
4. Remove the two screws, and remove the SW-1389 board.
5. Disconnect the HN-345 board from the connector (CN500) on the SW-1389 board.



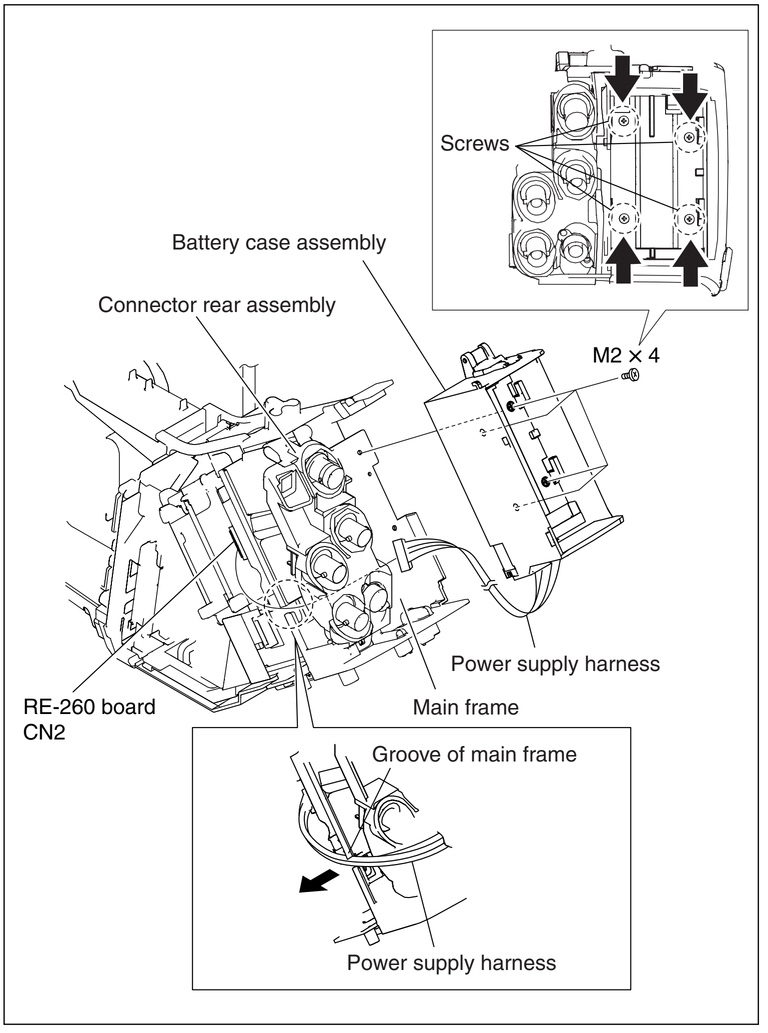
6. Reinstall the removed parts by reversing the steps of removal.

   Note

   Check that the SHUTTER ON/OFF knob is normally engaged with the switch (S502) on the SW-1389 board.

2-2-23. Battery Case Assembly

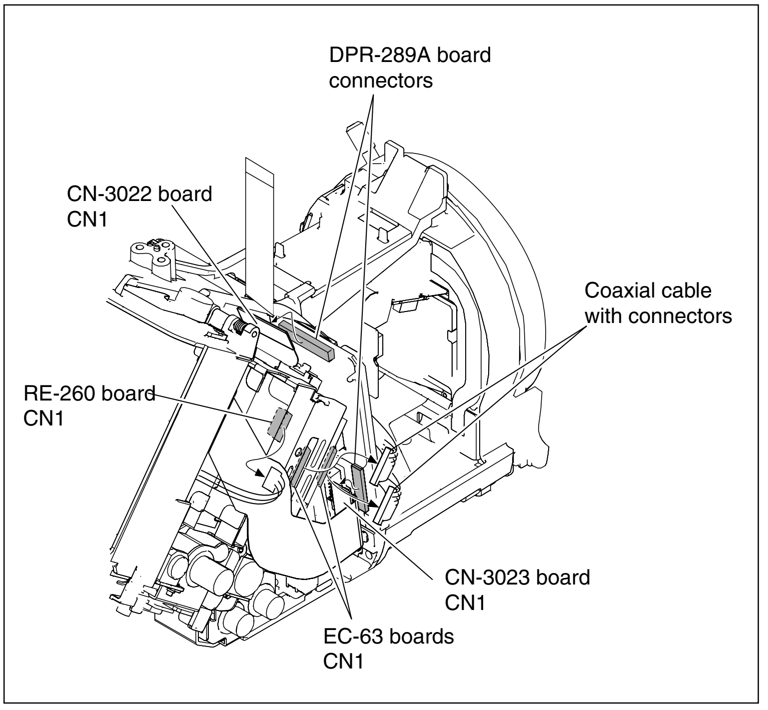
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13 and 2-2-21, and disassemble the unit up to “Outside Panel Sub Assembly” removal.
2. Disconnect the power supply harness from the connector (CN2) on the RE-260 board.
3. Remove the power supply harness from groove of the main frame.
4. Remove the four screws of the battery case assembly.
5. Disconnect the power supply harness through clearance between the main frame and the connector rear assembly, and remove the battery case assembly.



6. Reinstall the removed parts by reversing the steps of removal.

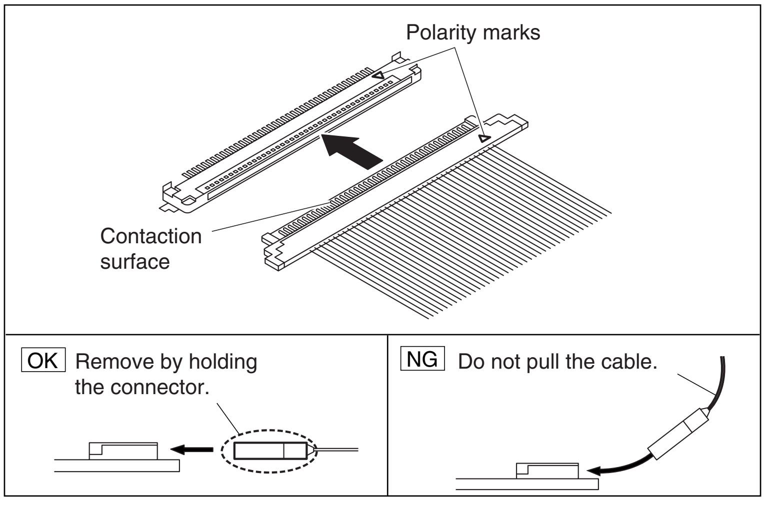
2-2-24. EX-DD Assembly

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13 and 2-2-21, and disassemble the unit up to “Outside Panel Sub Assembly” removal.
2. Disconnect the CN-3022 board connector (CN1) and the CN-3023 board connector (CN1) from the two connectors on the DPR-289A board.
3. Disconnect the three harnesses from the two connectors (CN1) on the two EC-63 boards and one connector (CN1) on the RE-260 board respectively.



Note

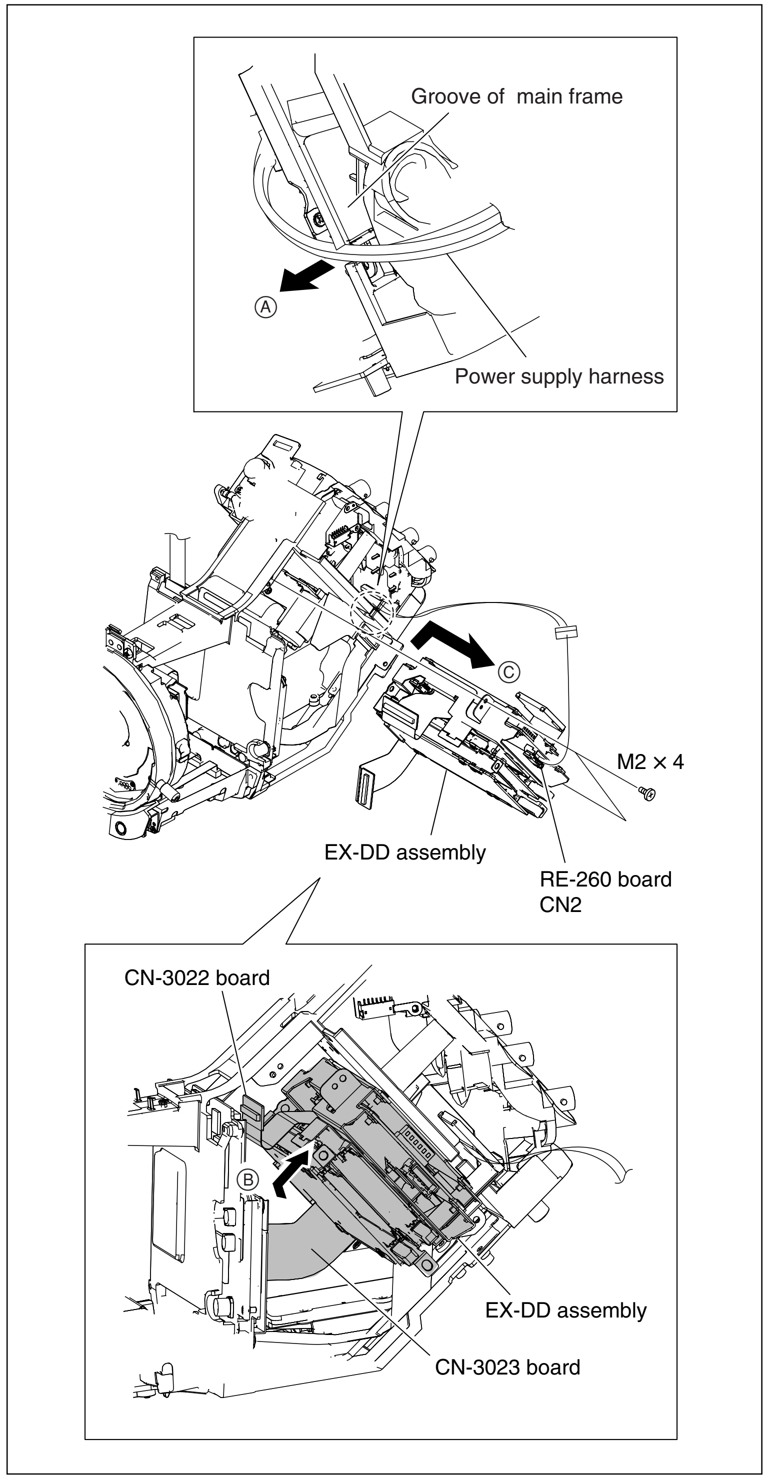
The coaxial cable with connector uses the fine pitch coaxial cable. Be careful when arranging it. When disconnecting the coaxial cable with connector, never remove it by pulling the cable. Be sure to hold the connector to remove.



4. Place the unit with its inside (left side) facing toward you. Disconnect the power supply harness from the connector (CN2) of the RE-260 board. (Disconnect the power supply harness in the direction of arrow Ⓐ from the groove of the main frame.)
5. Remove the two screws. Push the CN-3022 board and the CN-3023 board in the direction of arrow Ⓑ, and remove the EX-DD assembly in the direction of arrow Ⓒ.

Note

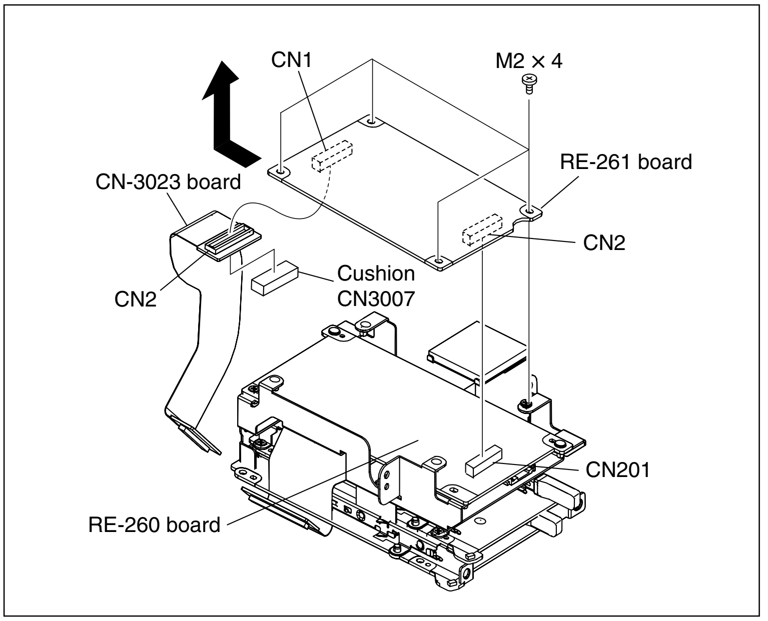
The life of the flexible board and flexible card wire will be significantly shortened they are folded. Be very careful not to fold them.



6. Reinstall the removed parts by reversing the steps of removal.

2-2-25. CN-3023 Board

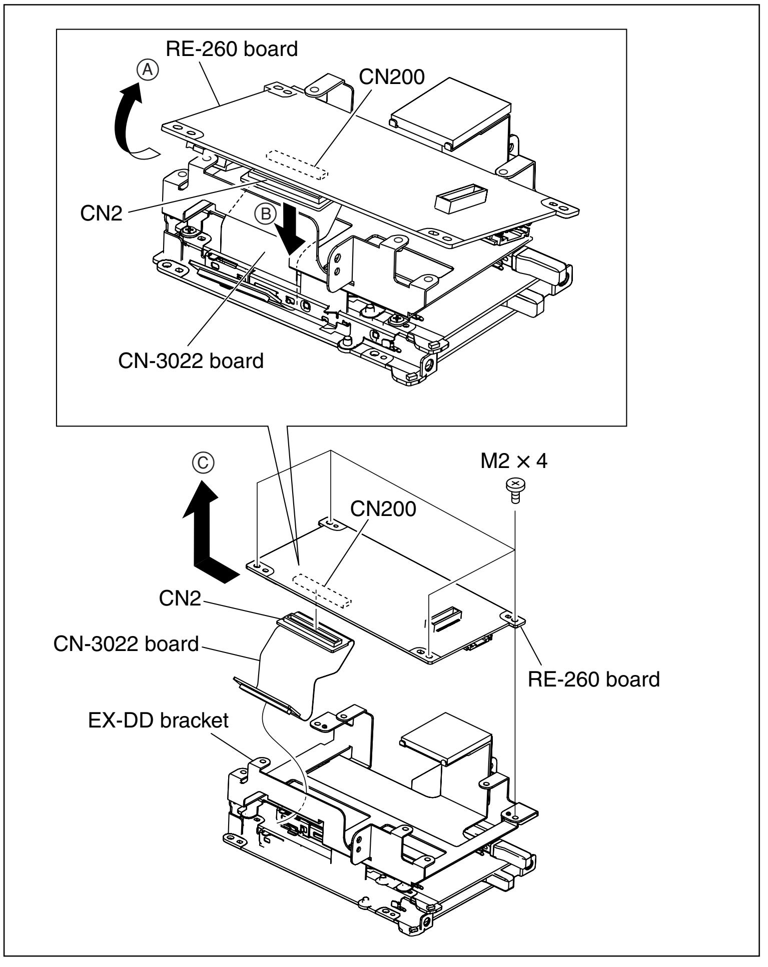
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21 and 2-2-24, and disassemble the unit up to "EX-DD Assembly" removal.
2. Remove the four screws securing the RE-261 board.
3. Disconnect the RE-261 board connector (CN2) from the RE-260 board connector (CN201), and remove the RE-261 board in the direction of the arrow.
4. Disconnect the CN-3023 board connector (CN2) from the RE-261 board connector (CN1), and remove the CN-3023 board.
5. Remove the cushion CN3007 from the CN-3023 board.



6. Reinstall the removed parts by reversing the steps of removal.

2-2-26. RE-260 Board

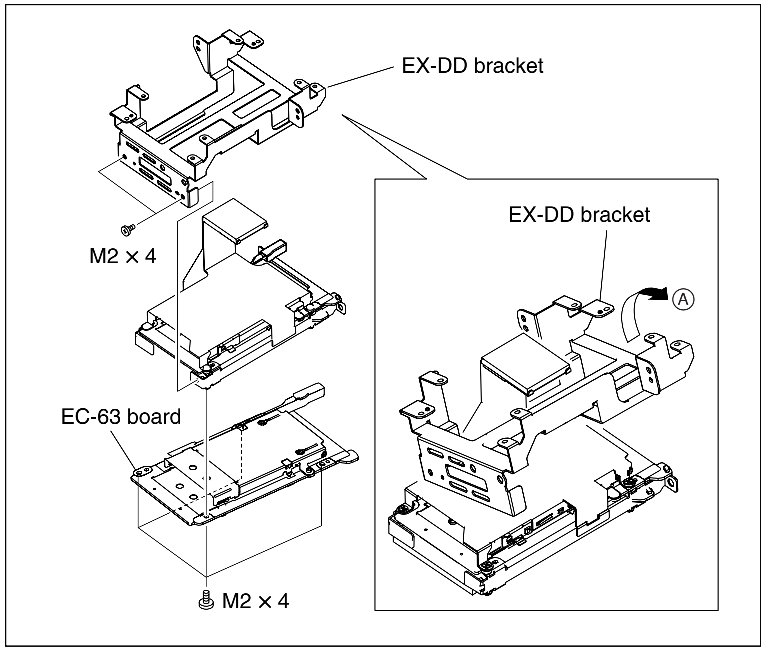
1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24 and 2-2-25, and disassemble the unit up to "CN3023 Board" removal.
2. Remove the four screws, and lift up the RE-260 board in the direction of arrow Ⓐ.
3. Disconnect the CN-3022 board connector (CN2) from the RE-260 board connector (CN200) in the direction of arrow Ⓑ, and remove the CN-3022 board.
4. Remove the RE-260 board from the EX-DD bracket in the direction of arrow Ⓒ.



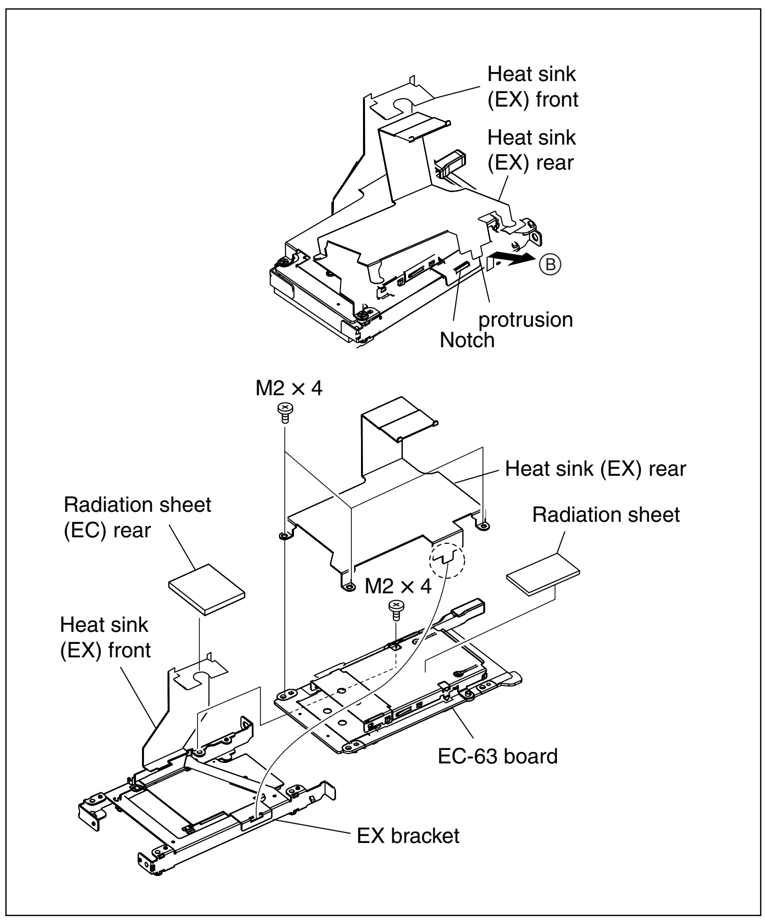
5. Reinstall the removed parts by reversing the steps of removal.

2-2-27. EC-63 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21 and from 2-2-24 to 2-2-26, and disassemble the unit up to "RE-260 Board" removal.
2. Remove the two screws, and remove the EX-DD bracket in the direction of arrow Ⓐ.
3. Remove the four screws, and remove the EC-63 board.



4. Remove the heat sink (EC) rear.
5. Remove the three screws, disengage protrusion of the heat sink (EX) rear from the groove, and remove the heat sink (EX) rear in the direction of arrow Ⓑ.
6. Remove the radiation sheet from the EC-63 board.
7. Remove the screw, and remove the EC-63 board.



8. Reinstall the removed parts by reversing the steps of removal.

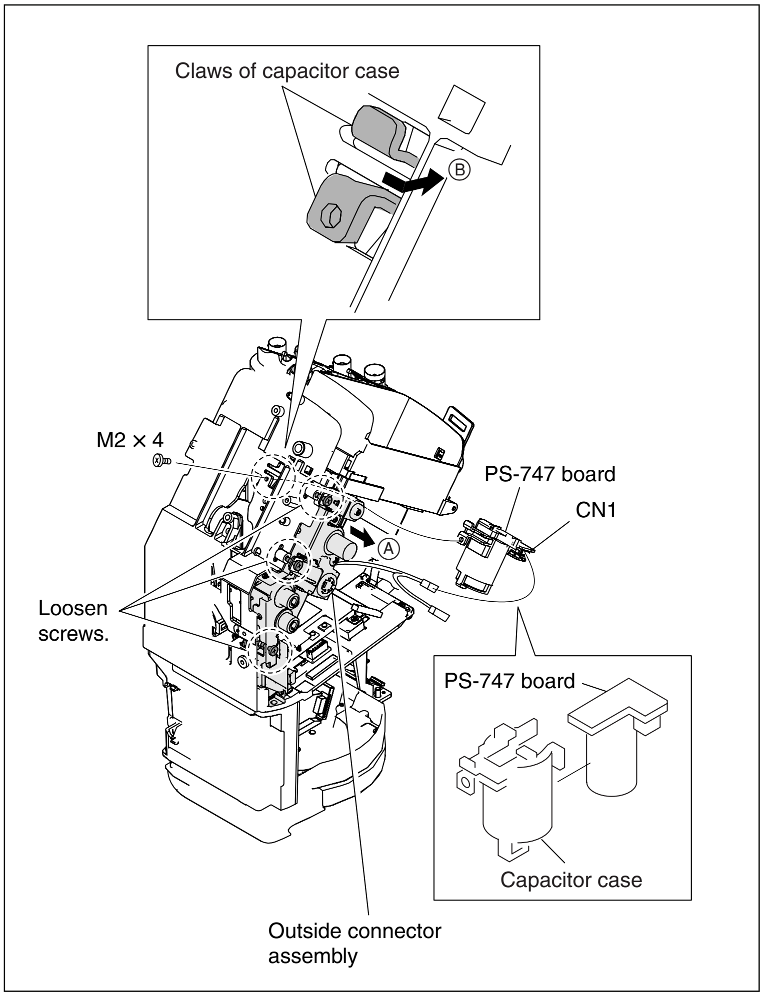
2-2-28. PS-747 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21 and 2-2-24, and disassemble the unit up to “EX-DD Assembly” removal.
2. Place the unit with the lens facing downward.
3. Disconnect the harness from the connector (CN1) on the PS-747 board.
4. Loosen the three screws, and slide the outside connector assembly slightly in the direction of arrow Ⓐ.

   Note

   Only loosen the three screws and do not remove them.
   (These three screws are removed when removing the outside connector assembly in Section 2-2-30.)

5. Remove one screw and disengage the two claws of the capacitor case in the direction of arrow Ⓑ.
6. Remove the PS-747 board from the capacitor case.



7. Reinstall the removed parts by reversing the steps of removal.

   Note

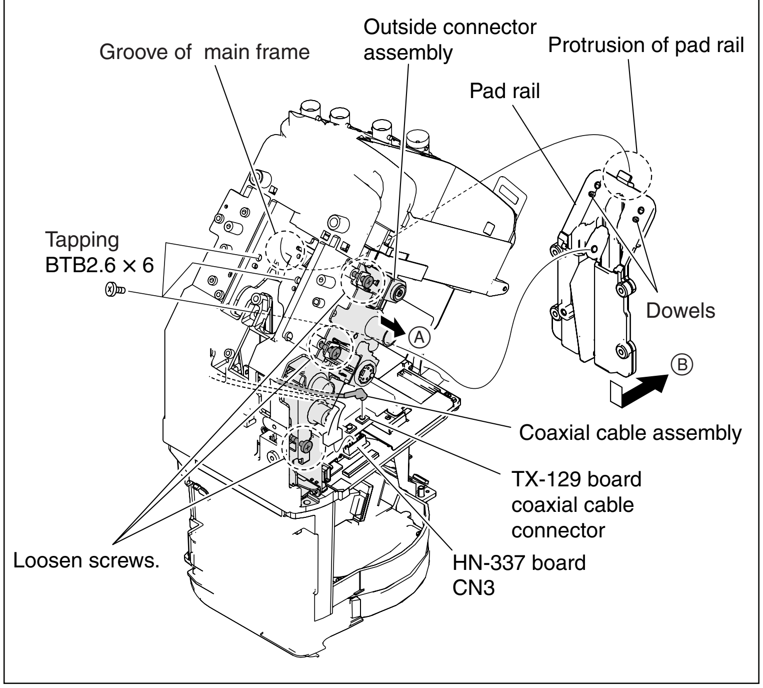
   When installing the outside connector assembly, tighten finally the three screws securing the outside connector assembly at this step.

2-2-29. TX-129 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24 and 2-2-28, and disassemble the unit up to “PS-747 Board” removal.
2. Disconnect the harness from the connector (CN3) on the HN-337 board.
3. Disconnect the coaxial cable from the coaxial cable connector on the TX-129 board.
4. Loosen the three screws, and slide the outside connector assembly slightly in the direction of arrow Ⓐ.

   Note

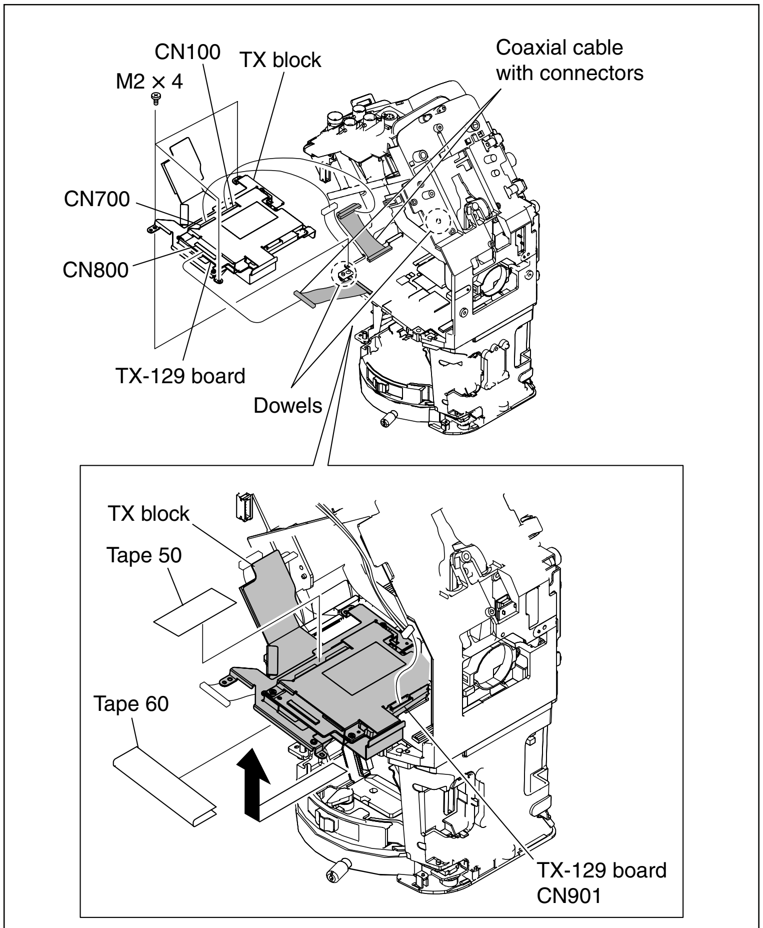
   Only loosen the three screws and do not remove them.
   (These three screws are removed when removing the outside connector assembly in Section 2-2-30.)



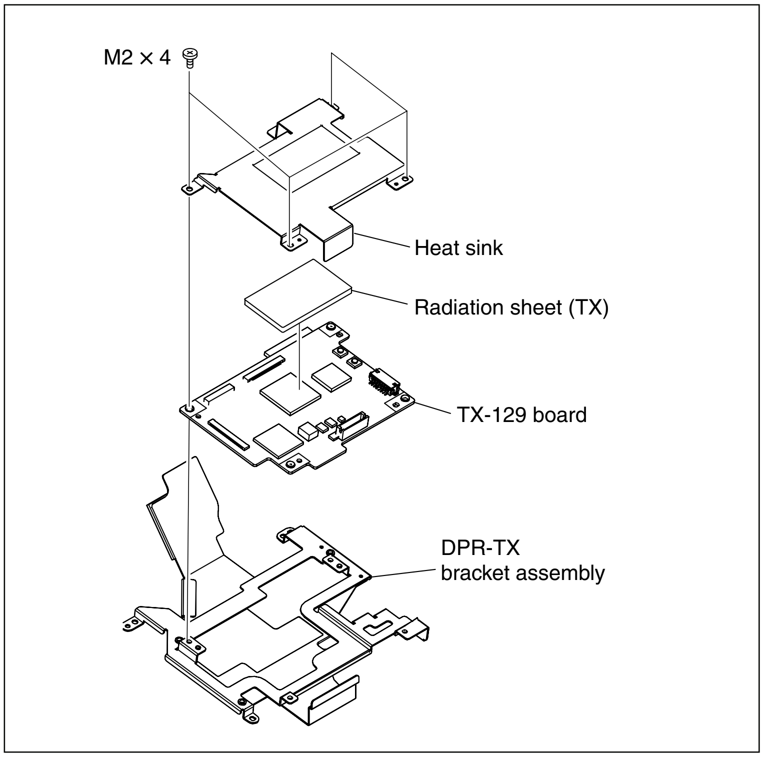
5. Remove the three screws, disengage protrusion of the pad rail and the two dowels from groove of the main frame, and remove the pad rail in the direction of arrow Ⓑ.
6. Remove the tape 50 and the tape 60 from the TX block.
7. Disconnect the four harnesses from the four connectors (CN100, CN700, CN800, CN901) on the TX-129 board.
8. Remove the three screws, remove the TX block from the two dowels, and remove the TX block in the direction of the arrow.

Notes

- When pulling out the TX block in the direction of the arrow, be very careful not to cut the harnesses resulting open circuit and not to entangle the harnesses.
- The coaxial cable with connector uses the fine pitch coaxial cable. Be careful when arranging it. When disconnecting the coaxial cable with connector, never remove it by pulling the cable. Be sure to hold the connector to remove.



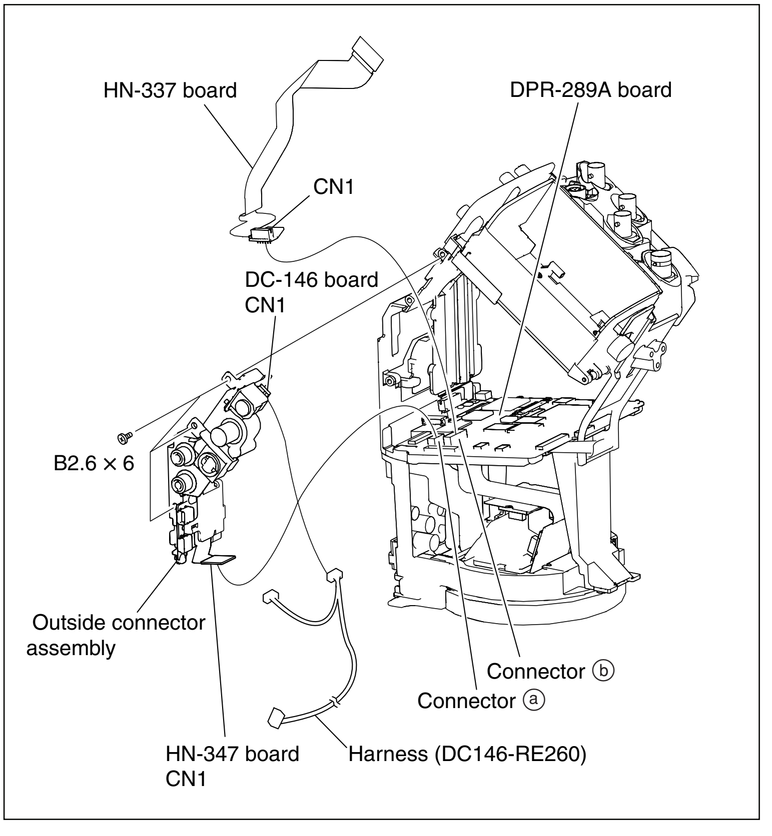
9. Remove the four screws, and remove the heat sink.
10. Remove the DPR-TX bracket assembly and the radiation sheet (TX) from the TX-129 board.



11. Reinstall the removed parts by reversing the steps of removal.

2-2-30. Outside Connector Assembly

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, 2-2-28 and 2-2-29, and disassemble the unit up to “TX Block” removal.
2. Disconnect the HN-337 board connector (CN1) from the DPR-289A board connector ⓑ, and remove the HN-337 board.
3. Disconnect the HN-347 board connector (CN1) from the DPR-289A board connector ⓐ.
4. Remove the three screws, and remove the outside connector assembly.
5. Disconnect the harness (DC146-RE260) from the connector (CN1) on the DC-146 board.
6. Reinstall the removed parts by reversing the steps of removal.



Notes

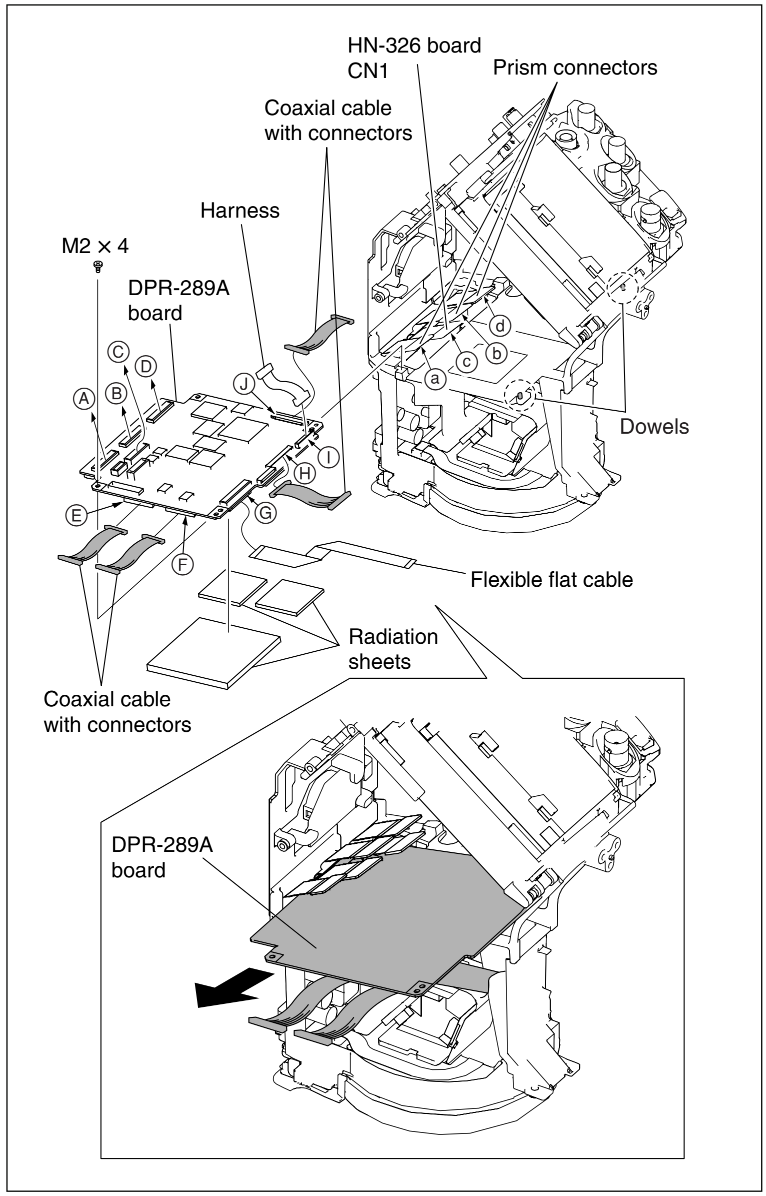
- The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.
- When installing the outside connector assembly, tighten the three screws tentatively. Tighten them finally when installing the PS-747 board in section 2-2-28.

2-2-31. DPR-289A Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-30, and disassemble the unit up to "Outside Connector Assembly" removal.
2. Disconnect the HN-326 board connector (CN1) from the DPR-289A board connector ⓒ.
3. Disconnect the three prism connectors ⓐ, ⓑ and ⓓ from the corresponding three connectors Ⓐ, Ⓑ and Ⓓ on the DPR-289A board.
4. Disconnect the five harnesses and the flexible flat cable from the corresponding six connectors Ⓔ, Ⓕ, Ⓖ, Ⓗ, Ⓘ and Ⓙ on the DPR-289A board.
5. Remove the screw, disengage the DPR-289A board from the two dowels, and remove the DPR-289A board in the direction of the arrow.

Notes

- The coaxial cable with connector uses the fine pitch coaxial cable. Be careful when arranging it. When disconnecting the coaxial cable with connector, never remove it by pulling the cable. Be sure to hold the connector to remove.
- The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.

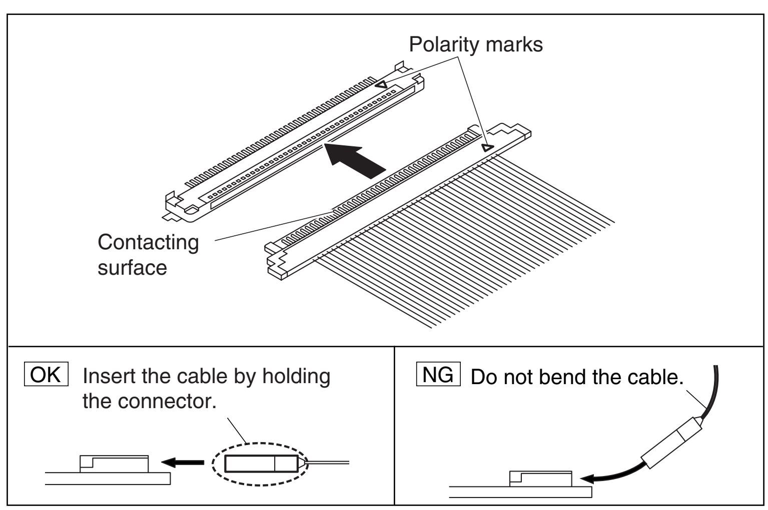


6. Remove the three radiation sheets from the DPR-289A board.

7. Reinstall the removed parts by reversing the steps of removal.

   Note

   When connecting the coaxial cable with connector, be careful of the following points:
   - Do not insert the connector at a slant angle.
   - Check to see that the contacting surface is free from stain and dust.
   - Hold the connector with its contacting surface facing upward, and check that the polarity marks are aligned.



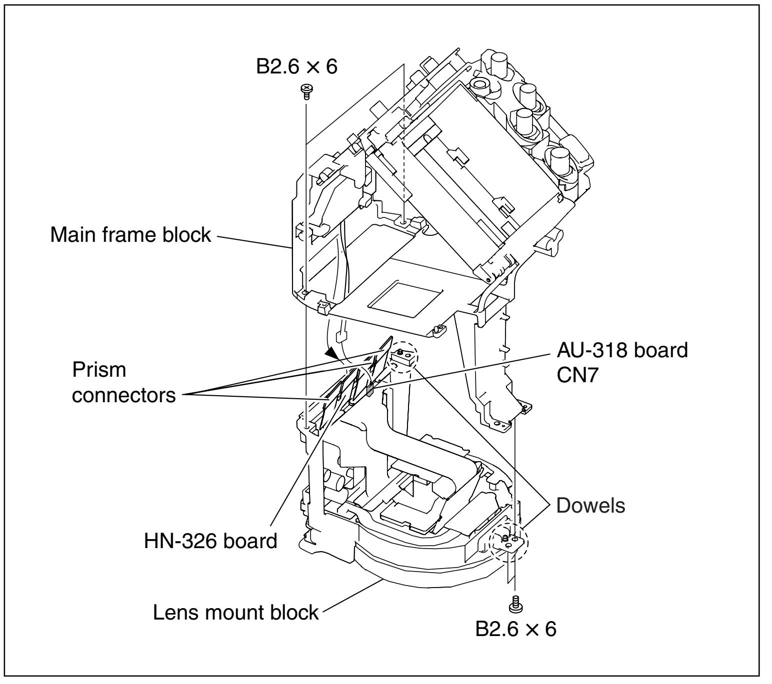
2-2-32. Lens Mount Block

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-31, and disassemble the unit up to “DPR-289A Board” removal.
2. Disconnect the harness from the connector (CN7) on the AU-318 board.
3. Remove the four screws, disengage the main frame block from the two dowels, and remove the main frame block.
4. When removing the main frame block, remove the three prism connectors and the HN-326 board in the direction of the arrow, and remove the lens mount block.

Note

The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.

5. Reinstall the removed parts by reversing the steps of removal.



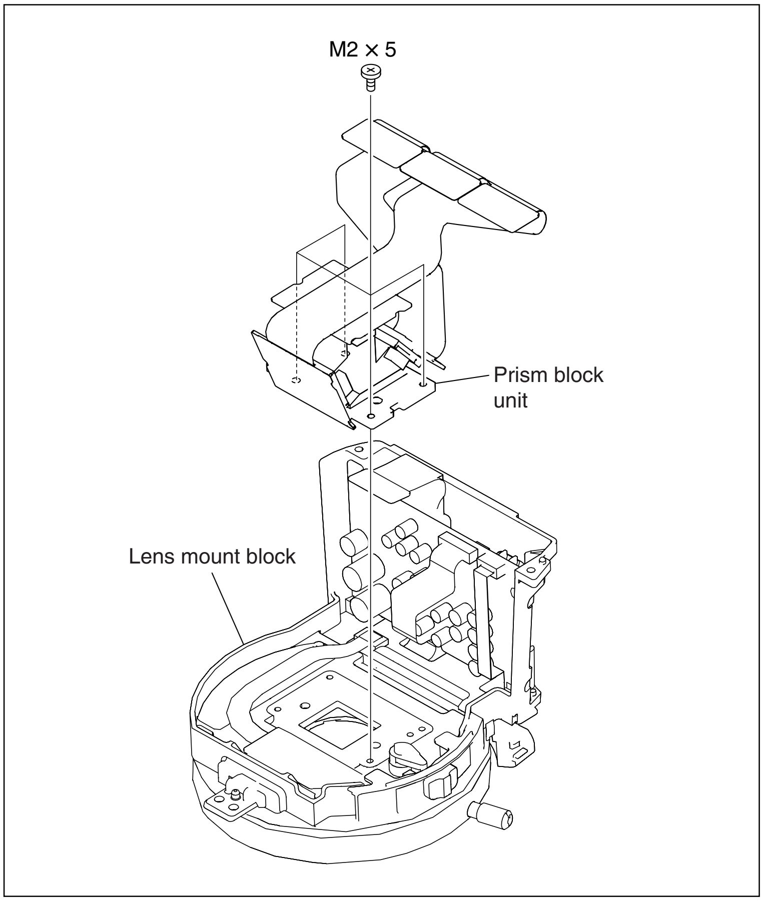
2-2-33. Prism Block Unit

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-32, and disassemble the unit up to “Lens Mount Block” removal.
2. Remove the four screws, and remove the prism block unit.

Note

The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.

3. Reinstall the removed parts by reversing the steps of removal.

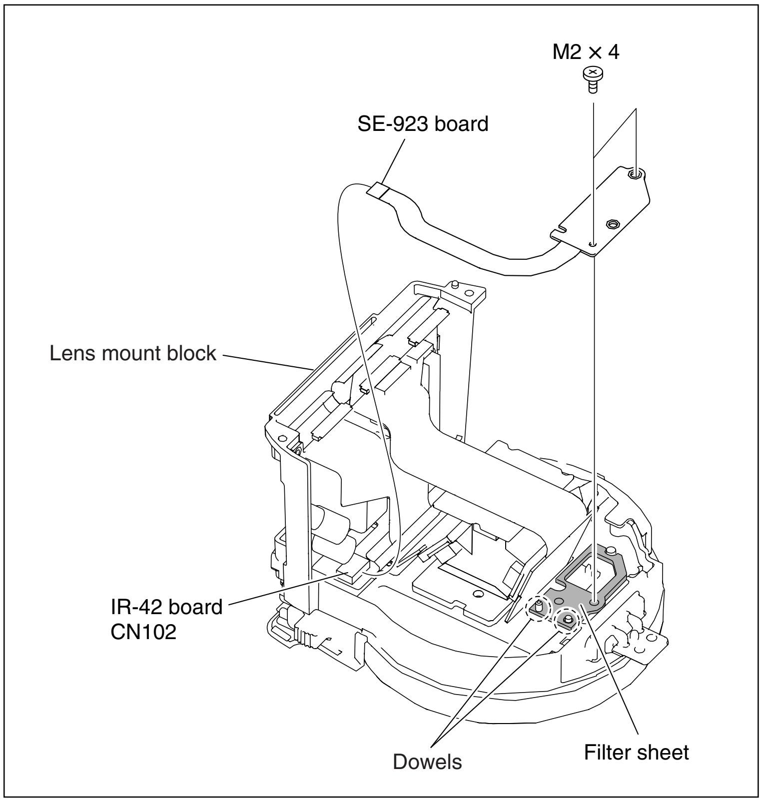


2-2-34. SE-923 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-32, and disassemble the unit up to "Lens Mount Block" removal.
2. Disconnect the SE-923 board from the connector (CN102) on the IR-42 board.
3. Remove the two screws, disengage the SE-923 board from the two dowels, and remove the SE-923 board.

Note

The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.



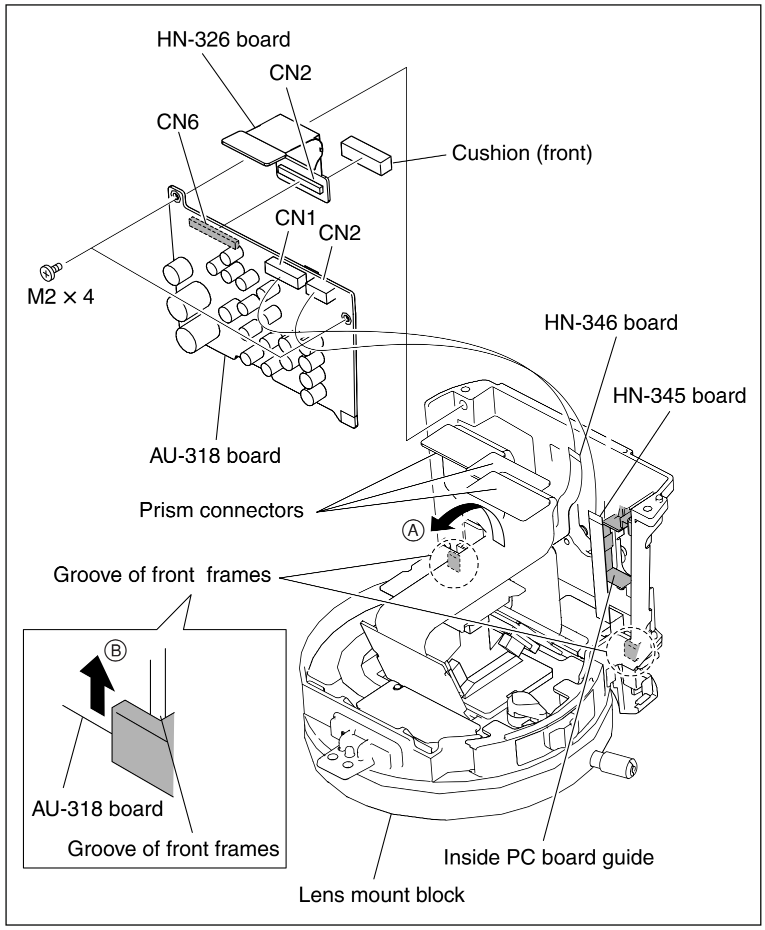
4. Reinstall the removed parts by reversing the steps of removal.

Note

When installing the SE-923 board, place the filter sheet underneath the SE-923 board, and install the SE-923 board.

2-2-35. AU-318 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-32, and disassemble the unit up to "Lens Mount Block" removal.
2. Pull the three prism connectors in the direction of arrow Ⓐ, and remove the HN-345 board and the HN-346 from the two connectors (CN1, CN2) on the AU-318 board.
3. Remove the two screws, and remove the AU-318 board from the two grooves of the front frame in the direction of arrow Ⓑ.
4. Disconnect the HN-326 board connector (CN2) from the connector (CN6) on the AU-318 board, and remove the AU-318 board.
5. Remove the cushion (front) from the HN-326 board.



Notes

- The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.
- Be careful not to drop the inside PC board guide.

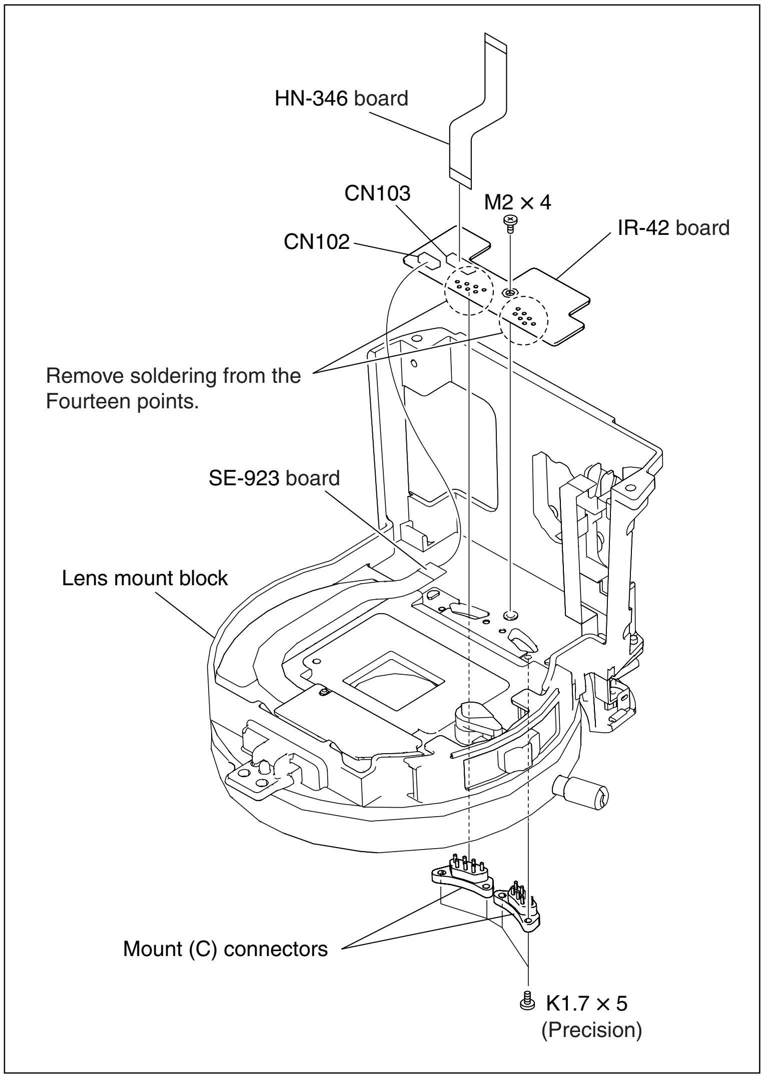
6. Reinstall the removed parts by reversing the steps of removal.

2-2-36. IR-42 Board

1. Refer to Sections from 2-2-1 to 2-2-3, 2-2-5, 2-2-9, 2-2-13, 2-2-21, 2-2-24, and from 2-2-28 to 2-2-33, and disassemble the unit up to "AU-318 Board" removal.
2. Disconnect the SE-923 board and the HN-346 board from the two connectors (CN102, CN103) on the IR-42 board.
3. Remove the screw, and remove the IR-42 board.
4. Remove soldering at 14 points of the IR-42 board.
5. Remove the four screws, and remove the two mount (C) connectors.w

Note

The life of the flexible board and the flexible card wire will be significantly shortened if they are folded. Be very careful not to fold them.



6. Reinstall the removed parts by reversing the steps of removal.

2-2-37. Replacing the Parts in the Lens Grip

Removing the grip cover

1. Remove the three screws ⓐ, and remove the screw ⓑ. (Fig. 1)
2. While pressing the RELEASE button, press the T side of the T/W zoom switch, and rotate the grip cover in the direction of the arrow, then remove the grip cover. (Fig. 2)
3. Disconnect the harness from the connector of the T/W zoom switch. (Fig. 3)

Replacing the cap (START/STOP)

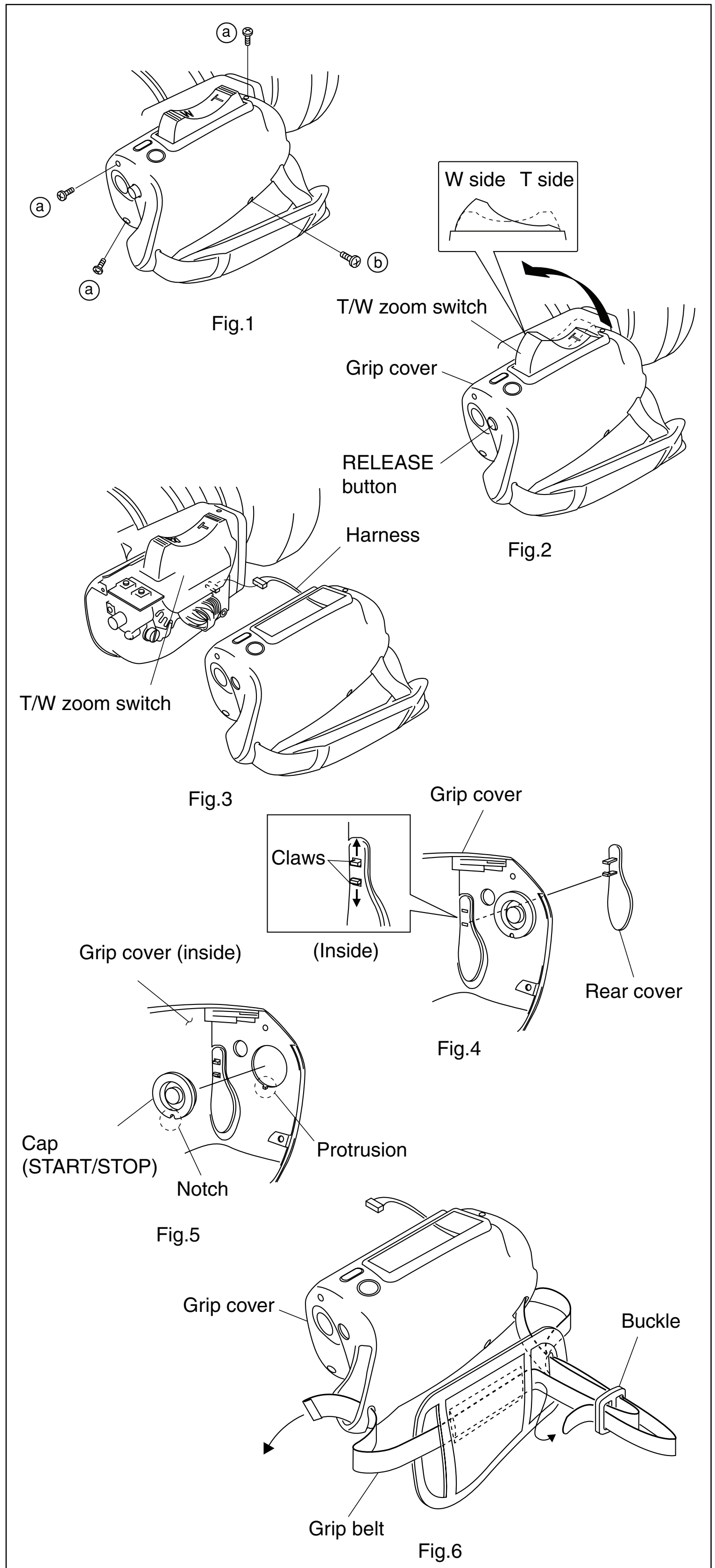
1. Remove the cap (START/STOP) by pushing it in from the outside of the grip cover. (Fig. 5)
2. Install the new cap (START/STOP) by aligning its notch with the protrusion of the grip cover. (Fig. 5)

Replacing the rear cover and the grip belt

1. Disengage the two claws from the inside of the grip cover, and remove the rear cover. (Fig. 4)
2. Separate the grip belt from the buckle, and pull it off from the grip cover. (Fig. 6)
3. Install the new grip belt by reversing the steps of removal. (Fig. 6)
4. Engage the rear cover with the grip cover.

Installing the grip cover

1. Connect the harness to the connector of the T/W zoom switch. (Fig. 3)
2. Align the hole of the grip cover with the RELEASE button. While pressing the T side of the T/W zoom switch, assemble it by rotating it in the direction opposite to the arrow. (Fig. 2)
3. Install the three screws ⓐ, and the screw ⓑ. (Fig. 1)



Section 3
SERVICE Menu

3-1. SERVICE Menu List

1. MAINTENANCE menu list

Menu Item	Submenu Item		Choice	Function
Test Saw	–		On Off	Turns On or Off the Test Saw.
Auto BLK Balance	–		Execute Cancel	Starts up the auto black balance adjustment.
Black Shading	Setting		On Off	Turns On or Off the black shading correction.
	Channel Sel		G B R	Selects the channel (R-ch or G-ch or B-ch) to execute black shading adjustment on. (The present setup values of H Saw, H Para, V Saw and V Para for the selected channel are displayed automatically.)
		H Saw	−99 to +99	Adjusts the black shading H Saw correction level.
		H Para	−99 to +99	Adjusts the black shading H Para correction level.
		V Saw	−99 to +99	Adjusts the black shading V Saw correction level.
		V Para	−99 to +99	Adjusts the black shading V Para correction level.
	Auto BLK Shad		Execute Cancel	Starts up the auto black shading correction.
White Shading	Setting		On Off	Turns On or Off the white shading correction.
	Channel Sel		G B R	Selects the channel (R-ch or G-ch or B-ch) to execute white shading adjustment on. (The present setup values of H Saw, H Para, V Saw and V Para of the selected channel are displayed automatically.)
		H Saw	−99 to +99	Adjusts the white shading H Saw correction level.
		H Para	−99 to +99	Adjusts the white shading H Para correction level.
		V Saw	−99 to +99	Adjusts the white shading V Saw correction level.
		V Para	−99 to +99	Adjusts the white shading V Para correction level.
Flare	G Flare		−99 to +99	Adjusts the G-ch flare correction level.
	B Flare		−99 to +99	Adjusts the B-ch flare correction level.
	R Flare		−99 to +99	Adjusts the R-ch flare correction level.

2. RPN CORRECT menu list

Menu Item	Submenu Item	Choice	Function
Auto Detection	–	Execute Cancel	Starts up auto RPN.
Correction Mode	–	Concealment Compensation	Selects the RPN correction mode that is used to register or delete the manual registration.
Channel	–	G B R	Selects and displays the channel (R-ch or G-ch or B-ch) to execute manual registration or detection of RPN correction on.
Cursor	–	On Off	Turns On or Off the RPN correction point indicator cursor.

Menu Item	Submenu Item	Choice	Function
Cursor H Position	–	1 to 1920	Displays and move the horizontal address of the RPN correction point indicator cursor.
Cursor V Position	–	1 to 1080	Displays and move the vertical address of the RPN correction point indicator cursor.
Cursor Next	–	–	Moves the RPN correction point indicator cursor to the next RPN point.
Cursor Prev	–	–	Moves the RPN correction point indicator cursor to the previous RPN point.
Compensation Level	–	0 to 255	Indicates the RPN compensation level.
Recode	–	Execute Cancel	Registers the RPN.
Delete	–	Execute Cancel	Deletes the RPN.
Readout Mode	–	Field Frame	Selects the CMOS readout mode.
Reset	–	Execute Cancel	Deletes all the RPN that are registered after shipment from the factory.

3. INFORMATION menu list

Menu Item	Submenu Item	Choice	Function
Serial Number	–	–	Displays the serial number.
Version	–	–	Displays the software version number.
Self Diag	Diag Type	Type1 Type2	Selects the self-diagnostic type.
	Item1	Execute Cancel	Executes self-diagnostic Item 1.
	Item2	Execute Cancel	Executes self-diagnostic Item 2.
	Item3	Execute Cancel	Executes self-diagnostic Item 3.
	Item4	Execute Cancel	Executes self-diagnostic Item 4.
	Item5	Execute Cancel	Executes self-diagnostic Item 5.
	Item6	Execute Cancel	Executes self-diagnostic Item 6.
	Item7	Execute Cancel	Executes self-diagnostic Item 7.
	Item8	Execute Cancel	Executes self-diagnostic Item 8.
	Item9	Execute Cancel	Executes self-diagnostic Item 9.
	Item10	Execute Cancel	Executes self-diagnostic Item 10.
	Item11	Execute Cancel	Executes self-diagnostic Item 11.
	Item12	Execute Cancel	Executes self-diagnostic Item 12.
	Item13	Execute Cancel	Executes self-diagnostic Item 13.
Log Dump	–	Execute Cancel	Records the error log to media.

3-2. SERVICE Menu Description

3-2-1. Basic Menu Operations

Basic Menu Operation

Press the MENU button to enter the menu mode.
Press the PICTURE PROFILE button, the MENU button, or the STATUS button while the menu is displayed to close the menu display. The menu display is closed when the power is turned off.

1. Press the MENU button.
   The system enters the menu mode.
   For displaying the SERVICE menu, refer to section 3-2-3 of this manual.
2. Press the arrow key to move the cursor to the desired setting item and press the SEL/SET button.

Exiting the Menu Mode

Press the MENU button again.
The system exits the menu mode to return to the normal camera mode.

3-2-2. SERVICE Menu Structure

The SERVICE menu consists of the three SERVICE dedicated menus and the six ordinary SETUP menus for a total of nine menus.

SERVICE menu types

Menu name	Description
MAINTENANCE	Adjustment of parameters
RPN CORRECT	Operations regarding the RPN correction
INFORMATION	Information display on the particular PMW-EX3 and self-diagnostics.

The MAINTENANCE menu and the RPN CORRECT menu can be operated in the CAMERA mode only.

3-2-3. Displaying the SERVICE Menu

- To display the SERVICE menu, press the CANCEL button, the MENU button, and the JOG dial at the same time.
  Pressing the MENU button again closes the SERVICE menu display.
- Once the SERVICE menu has been displayed, simply pressing the MENU button displays the SERVICE menu instead of the normal SETUP menu unless the power is turned off.

3-3. SERVICE Menu Description

3-3-1. MAINTENANCE Menu

The MAINTENANCE menu enables setting for image device and setting parameters that must be set uniquely to each PMW-EX3 for correction of non-uniformity between the respective lens characteristics.

1. Test Saw setting

- Test Saw setting enables the operator to select the Test Saw signal instead of the imager output signal when recording or outputting images in CAMERA mode.

2. Executing Auto Black Balance

- Executing the Auto Black Balance triggers the auto black balance adjustment (automatic black level adjustment).
- When the Auto Black Balance menu is selected, the Execute and Cancel choices appear.
  Selecting Execute starts Auto Black Balance.
- When the Auto Black Balance is executed, the execute RPN automatic detection.

Note

Auto Black Balance cannot be executed from the SERVICE menu under the following settings.
Change the settings to execute Auto Black Balance.
- When Video Format other than HQ 1080/60i or HQ 1080/50i is selected.
- When electronic shutter is operating in the SLS mode.
- When the EX Slow Shutter is set to ON.

3. Black Shading Adjustment

Note

All of the Black Shading correction values have been set to ±0 when shipped from the factory.
(When the Black Shading correction is executed, it results in height difference of black level at the boundary areas between the corrected areas). Do not change the Black Shading correction values to any values other than ±0 unless it is necessary.

- The Black Shading menu enables the H Saw correction level adjustment, V Saw correction level adjustment and parabola correction level adjustment.
- The Black Shading setting menu can be used to turn Black Shading correction On or Off.
  The Black Shading setting is turned On automatically when the power is turned On.
- The Channel Select menu enables selection of the channel (G-ch or B-ch or R-ch) to execute the H Saw, H Para, V Saw, and V Para black shading adjustments on.
- When the Channel Select menu selects any other channel, the displays of the H Saw, H Para, V Saw, and V Para setup values are changed to the current setup values of the channel selected by the Channel Select menu. The changes are reflected on the H Saw, H Para, V Saw, and V Para setup values.
- The H Saw menu enables the horizontal Saw black shading correction (linear increase and decrease) level.
- The H Para menu enables the horizontal Parabola black shading correction (black level correction at the horizontal center with respect to both ends) level.
- The V Saw menu enables the vertical Saw black shading correction (linear increase and decrease) level.
- The V Para menu enables the vertical Parabola black shading correction (black level correction at the vertical center with respect to both ends) level.
- The Auto BLK Shad menu enables the auto black shading correction (automatic optimization of the respective correction values of the black shading correction).
- When Auto BLK Shad menu is selected, the Execute and Cancel choices appear.
  Selecting Execute starts Auto Black Shading.

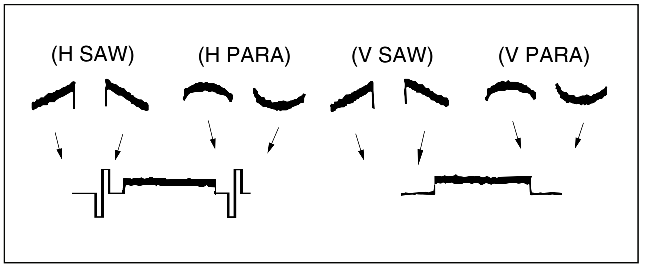
Black shading adjustment method

Preparation

- Connect an HD waveform monitor to the SDI OUT terminal.
- HD waveform monitor setting: RGB mode
- Lens iris → CLOSE

Adjustment Procedure

- Adjust GAIN and BLK level for easy viewing to observe.
- Adjust H Saw, H Para, V Saw and V Para for the respective channels of G-ch, B-ch and R-ch until waveform on the waveform monitor becomes flat.



4. White Shading Adjustment

The White Shading menu enables the adjustment of the horizontal and vertical Saw correction level and parabola correction level.

Notes

- The White Shading adjustment cannot be executed for the correct adjustment values if the object pattern has non-uniformity or if other conditions such as lens iris setting and zoom setting are not correctly satisfied. .
- Use a full white pattern for the White Shading adjustment having uniform brightness over the entire area.
- If a full white pattern having uniform brightness over the entire area is not available, do not execute the G-channel White Balance adjustment. Instead of it, execute the White Balance adjustment in the way of aligning the R-channel waveform and the B-channel waveform to the waveform of G-channel.

- The White Shading setting menu can be used to turn White Shading correction On or Off.
  The White Shading setting is turned On automatically when the power is turned On.
- The Channel Select menu enables selection of the channel (G-ch or B-ch or R-ch) to execute the H Saw, H Para, V Saw, and V Para white shading adjustments on.
- When the Channel Select menu selects any other channel, the displays of the H Saw, H Para, V Saw, and V Para setup values are changed to the current setup values of the channel selected by the Channel Select menu. The changes are reflected on the H Saw, H Para, V Saw, and V Para setup values.
- The H Saw menu enables the horizontal Saw white shading correction (linear increase and decrease) level.
- The H Para menu enables the horizontal Parabola white shading correction (sensitivity correction at the horizontal center with respect to both ends) level.
- The V Saw menu enables the vertical Saw black shading correction (linear increase and decrease) level.
- The V Para menu enables the vertical Parabola white shading correction (sensitivity correction at the vertical center with respect to both ends) level.

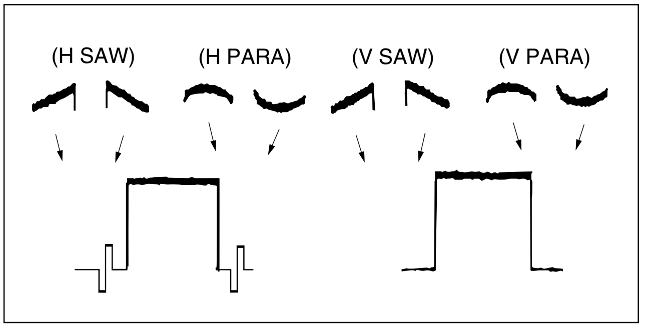
White shading adjustment method

Preparation

- Connect an HD waveform monitor to the SDI OUT terminal.
- HD waveform monitor setting: RGB mode
- Focus → ∞
- Shoot an all white pattern over the entire frame of monitor screen.

Adjustment Procedure

- Adjust lens iris until white level becomes approximately 80%.
  If the lens iris value is larger than F5.6, adjust the incoming light intensity by using electronic shutter for the lens iris setting of smaller than F5.6.
- Adjust H Saw, H Para, V Saw and V Para for the respective channels of G-ch, B-ch and R-ch until waveform on the waveform monitor becomes flat.



5. Flare Adjustment

The Flare Adjustment menu enables flare compensation for the respective channels of G-channel, B-channel and R-channel.

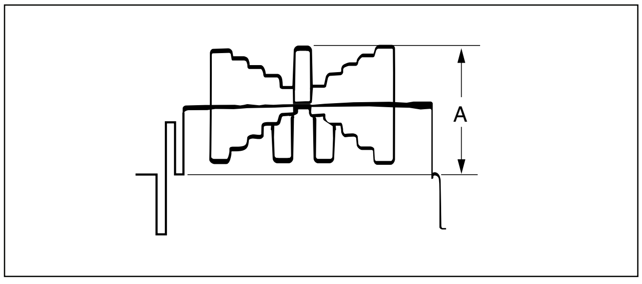
Flare adjustment method

Preparation

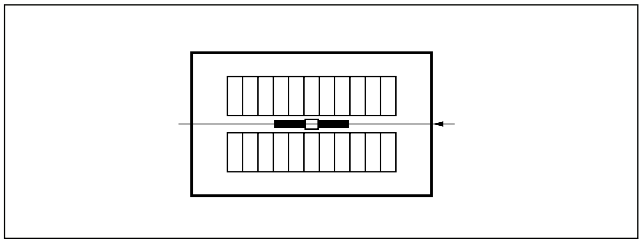
- Connect an HD waveform monitor to the SDI OUT terminal.
- HD waveform monitor setting: RGB mode
- Shoot a gray-scale chart to fill the entire screen of the picture frame and execute the white balance.
- Set the Knee to the Auto or Off.

Adjustment Procedure

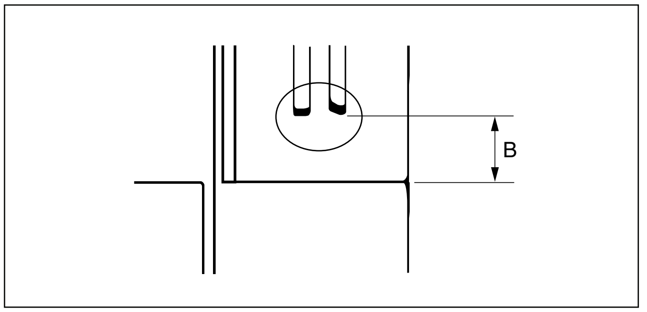
- Adjust lens iris until white level becomes approximately 100%. After that, open the lens iris by two stops.



- Select waveform of the signal at the center of grayscale signal on a waveform monitor.



- Adjust R Flare, G Flare and B Flare until the black levels on both sides of the center white in all of the R, G and B channels to a unity level. (Align black level all channels to that of the channel having the lowest black level.)



Notes

- The flare adjustment can be performed only when there is a correct grayscale chart.
- When there is no correct grayscale chart, adjust the values of R Flare, G Flare and B Flare to ±0.

3-3-2. RPN CORRECT Menu

The RPN CORRECT menu enables various operations such as manual registration, deletion and automatic detection of the RPN compensation point.

1. Executing Auto Detection

- The Auto Detection menu enables automatic detection of RPN point.
- When the Auto Detection menu is selected, the Execute and Cancel choices appear.
  Selecting Execute starts RPN Auto Detection.
- The RPN point that is detected by the Auto Detection is added to the RPN correction point.

Note

Auto Detection cannot be executed under the following settings.
Change the settings to execute Auto Detection.

- When Video Format other than HQ 1080/60i or HQ 1080/50i is selected.
- When electronic shutter is operating in the SLS mode.
- When the EX Slow Shutter is set to ON.

2. Correction Mode settings

- The Correction Mode menu enables selection of the RPN correction mode for a pixel when the pixel is registered by manual registration of RPN.
- The Correction Mode selecting Concealment and Compensation.
- For the manual registration of RPN, select Concealment.

3. Channel Setting

- The Channel menu enables selection of the channel (R-ch or G-ch or B-ch) to execute Record of RPN pixel on, in the manual registration of RPN.
- When the RPN cursor (indicating location of an RPN pixel to register) is moved to an already-registered RPN correction point by the Cursor Next. or Cursor Prev operation, the correction mode selected for the RPN point is displayed automatically.

4. Cursor Setting

- The Cursor menu enables turning On or Off the crosshair cursor display indicating the RPN correction position in the manual registration of RPN.
- When the Cursor menu is turned On, the crosshair cursor indicating the RPN correction position is displayed superimposed on the video signal.
- Signal of the pixel located at the center of the crosshair cursor is replaced by black.
- The Cursor setting is always turned Off when the power is turned On.

5. Cursor H Position Setting

- The Cursor H Position menu enables the user to change the horizontal position of the RPN point within the effective period of video signal in the manual registration of RPN.
- When the RPN cursor (indicating the location of a RPN pixel to register) is moved to an already-registered RPN correction point by the Cursor Next or Cursor Prev operation, the display automatically switches to the numeric value of the horizontal position of the RPN point.

6. Cursor V Position Setting

- The Cursor V Position menu enables the user to change the vertical position of the RPN point within the effective period of video signal in the manual registration of RPN.
- When the RPN cursor (indicating the location of a RPN pixel to register) is moved to an already-registered RPN correction point by the Cursor Next or Cursor Prev operation, the display automatically switches to the numeric value of the vertical position of the RPN point.

7. Operating Cursor Next

- The Cursor Next menu enables the user to move the RPN cursor position to the next already-registered RPN correction point after the present position in the ascending order of the addresses during the manual registration of RPN. (If multiple RPN positions have the same address in the ascending order of the Cursor V Position, the RPN cursor moves in the ascending order of the Cursor H Position.)

8. Operating Cursor Prev

- The Cursor Prev menu enables the user to move the RPN cursor position to the next already-registered RPN correction point after the present position in the descending order of the addresses during the manual registration of RPN. (If multiple RPN positions have the same address in the descending order of the Cursor V Position, the RPN cursor moves in the descending order of the Cursor H Position.)

9. Compensation Level Display

- The Compensation Level menu indicates the compensation level of the already-registered RPN correction point when the crosshair cursor is moved to a correction point by the Cursor Next or Cursor Prev operation, and if the compensation mode of the already-registered point is Compensation.
- The Compensation Level menu is dedicated to display only and the cursor cannot be moved to this menu.

10. Executing Record

- The Record menu enables the manual registration of RPN.
- When Record menu is selected, the Execute and Cancel choices appear.
  Selecting Execute starts the registration of RPN.

11. Executing Delete

- The Delete menu enables manual deletion of RPN.
- When the Delete menu is executed, the RPN registration of a pixel at an address specified by the Cursor H Position and Cursor V Position is deleted from RPN data.
- When the Delete menu is selected, the Execute and Cancel choices appear.
  Selecting Execute starts deletion of RPN.

12. Readout Mode Setting

- The Readout Mode menu enables the user to select the Frame readout mode of the imager in order to facilitate viewing the RPN position on a monitor screen.
- The Readout Mode setting is always set to Field when the power is turned On.

13. Executing Reset

- The Reset menu enables the user to delete the RPN correction point data that is registered by Auto Detect and Auto Black Balance after the equipment is shipped from the factory.
- The RPN data that is registered at the factory and the RPN data is manually registered cannot be deleted by the Reset.
- When the Reset menu is selected, the Execute and Cancel choices appear.
  In addition, selecting Execute starts reset of RPN.

RPN manual registration procedure

- Set the Video Format to HQ 1080/60i.
- Set the Readout Mode to Frame.
  (To facilitate viewing the RPN position on a monitor screen.)
- Set the lens iris to CLOSE.
- Adjust GAIN and Black Level to the settings that facilitate viewing the RPN position on a monitor screen.
- Set Channel to the RPN color that is going to be registered.
- Set Cursor to On.
- Move the crosshair cursor to the RPN that is going to be registered by using Cursor H Position and Cursor V Position.
  (When the crosshair cursor is moved on top of the desired RPN, the RPN becomes invisible.)
- Set Correction Mode to Concealment.
- Execute the Record.

∗ When RPN Record is attempted, if the RPN registration of a pixel fails at a specific address due to a problem with the small interval between the current and previous registered RPN spots, the screen shows the message "NG : Adjacent Pixel".

3-3-3. INFORMATION Menu

The INFORMATION menu enables operations such as displaying the information inherent to a specific machine and executing Self Diag.

1. Displaying the Serial Number

- The serial number of the unit is displayed on the Serial Number.
- The cursor cannot be moved to the Serial Number.

2. Displaying the Version Number

- The software version of the unit is displayed on the Version.
- The cursor cannot be moved to the Version.

3. Executing Self Diag

Self Diag enables the user to execute self-diagnosis of the equipment. When Self Diag is run, the result of self-diagnosis appears regardless of whether the result is good or bad.
The self-diagnosis can be executed only under the following conditions. When executing the self-diagnosis, change to the following conditions with the SHUTTER switch and the SETUP menu.

- SHUTTER switch: Off → lower front of the unit
- EX Slow Shutter: Off → CAMERA menu
- Country: NTSC Area → OTHERS menu
- Video Format: HQ1080/60i → OTHERS menu

(1) Self-diagnostic items
The following two types of self-diagnosis are provided.

- Type1: Simple self-diagnosis
  - Use to execute a simple version of the self-diagnosis. This finishes in a short time.
- Type2: Complete self-diagnosis
  - This executes all items included in the Self Diag. Since complete self-diagnosis involves a memory test and a complicated device test, this requires time to be completed. In addition, since the system cannot be returned to normal operations after the self-diagnosis, the power must be turned off and on again.

Note

The self-diagnostic items range from Item1 to Item13.

Self-diagnostic item list

Item No.	Self-diagnostic item	Description
Item1	Image processor block	Diagnosis of CMOS block, and camera block
Item2	Display block	Diagnosis of video signal system (LCD and base band signal processing)
Item3	Media block	Diagnosis of media recording and playback (encoder, decoder, memory card, i.LINK and USB interface)
Item4	Audio block	Diagnosis of audio input and output
Item5	System controller block	Diagnosis of system controller system
Item6	Power block	Diagnosis of power supply system
Item7	I/F between image processor and display block	Diagnosis of the signal line from camera signal processor IC to base band processing IC
Item8	Video I/F while recording between display and media block	Diagnosis of the video signal line (recording direction) from base band processing IC via encoder IC to AVIT signal processing IC
Item9	Video I/F while playing back between display and media block	Diagnosis of the video signal line (playback direction) from AVIT signal processing IC via decoder IC to base band processing IC
Item10	Audio I/F while recording between display and media block	Diagnosis of the audio signal line (recording direction) from base band processing IC to AVIT signal processing IC
Item11	Audio I/F while playing back between display and media block	Diagnosis of the audio signal line (playback direction) from AVIT signal processing IC to base band processing IC
Item12	4bit I/F while recording between display and media block	Diagnosis of the 4bit Bus signal line (recording direction) from base band processing IC to AVIT signal processing IC
Item13	4bit I/F while playing back between display and media block	Diagnosis of the 4bit Bus signal line (playback direction) from AVIT signal processing IC to base band processing IC

(2) Procedure for the self-diagnosis

1) Select the type of self-diagnosis (Type 1 or Type 2) in Diag Type.

Note

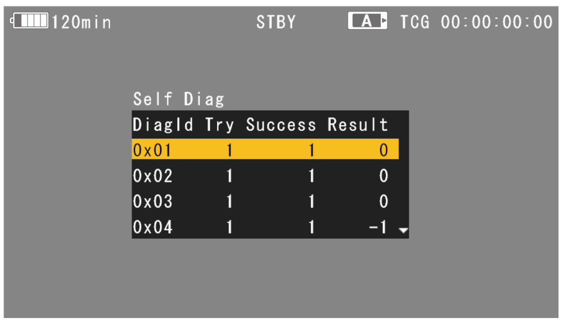
When Type 1/2 for an Item in the table is “1 only”, the item executes only for type 1, and when it is “2 only”, it executes only for type 2. For “1, 2”, the item executes for both type 1 and type 2.

2) Select the Item of self-diagnosis from Item1 to Item13.

3) When an Item is selected, Execute and Cancel appear. In addition, when Execute is selected, the self-diagnosis of the selected Item starts.

4) When the self-diagnosis is completed, the result of self-diagnosis appears.

Example of the display for results of self-diagnosis



Press the CANCEL button, joystick, or jog dial while displaying the result of self-diagnosis to return to the INFORMATION menu.

The results of self-diagnosis

The result of self-diagnosis is composed of the diagnostic item ID (DiagID) for the Item and Try, Success, and Result for the item. The result of the self-diagnosis for each item is displayed after execution.

Meaning of Try, Success, and Result

Category	Description
Try	Shows the number of trials of the self-diagnosis.
Success	Shows the number of internal successes of the self-diagnosis.
Result	Shows the result of the self-diagnosis. “0” means no problems. When a value other than “0” is displayed, check the details for each self-diagnostic item.

(3) Details of self-diagnosis

This section describes self-diagnostic items included in each Item. The values in the Error value column show the value for errors. The value is "0" when there is no error.

Item1: Image processor block diagnosis

Image processor block diagnosis analyzes the following contents.

(Both of Type 1 and Type 2 take approximately 10 seconds for diagnosis.)

ID	Diagnosis description	Error value	Type 1/2	Note
0x08	Number of RPN registrations check	-1: Exceeding RPN max number	1, 2	–
0x09	Reading/Writing data test to CMOS block, video signal bus connection test between CMOS and camera signal processor IC	-1: CMOS Read/Write NG or CMOS video signal bus NG	1, 2	–
0x0a	Communication test of camera signal processor IC	-5: Camera signal processor IC Read/Write NG	1, 2	–

When an error is detected in the item, it indicates a possible error in the hardware.

Item2: Display block diagnosis

Display block diagnosis analyzes the following contents.

ID	Diagnosis description	Error value	Type 1/2	Note
0x01	Communication signal line test of COPRO (SAD)	-1: Connection error	1, 2	–
0x02	Communication signal line test of LCD (SAD)	-1: Connection error	1, 2	–

Item3: Media block diagnosis

Media block diagnosis analyzes the following contents. There can be cases that the error value “-6” is displayed with any ID other than what are listed in the following table. The error value “−6” does not mean any abnormality in such cases.
Be sure to turn off the power once whenever the media block diagnosis item 3 is executed.

ID	Diagnosis description	Error value	Type 1/2	Note
0x01	DDR2 SDRAM Read/Write check	-1: Error	2 only	Continuous operations cannot be operated after this check. This check requires a long time.
0x06	USB Device Register Read/Write check	-1: Error	1 only	–
0x09	i.Link Register Read/Write check	-1: Error	1 only	–
0x0B	USB Host Register Read/Write check	-1: Error	1 only	–
0x14	PIFC POWSW	-1: Error	1 only	–
0x15	SPA POWSW	-1: Error	1 only	–
0x12	MPEG encoder/decoder IC Data Read/Write	-1: Error	1 only	–
0x20	NOR-FlashROM data consistency check	-1: Error	1 only	–
0x23	Slot A LED blink	-1: Error	1 only	–
0x24	Slot B LED blink	-1: Error	1 only	–

Item4: Audio block diagnosis

Audio block diagnosis analyzes the following contents.

ID	Diagnosis description	Error value	Type 1/2	Note
0x02	Memory area check for audio block	-1: Memory read/write comparison NG	1, 2	–

When an error is detected in the item, it indicates a possible error in the hardware.

Item5: System controller block diagnosis

System controller block diagnosis analyzes the following contents.

ID	Diagnosis description	Error value	Type 1/2	Note
0x01	IIC communication test (clock IC)	-1: Error	1, 2	–
0x02	IIC communication test (EEPROM)	-1: Error	1, 2	–
0x03	IIC communication test (power supply microcomputer)	-1: Error	1, 2	–
0x04	IIC communication test (sub-microcomputer of the inside panel)	-1: Error	1, 2	–
0x05	IIC communication test (sub-microcomputer of the handle)	-1: Error	1, 2	–
0x06	IIC communication test (sub-microcomputer of the rear panel)	-1: Error	1, 2	–
0x09	IIC communication test (I/O expander)	-1: Error	1, 2	–
0x10	Version matching test (power supply microcomputer)	-1: Error	1, 2	*
0x11	Version matching test (sub-microcomputer of the inside panel)	-1: Error	1, 2	*
0x12	Version matching test (sub-microcomputer of the handle)	-1: Error	1, 2	*
0x13	Version matching test (sub-microcomputer of the rear panel)	-1: Error	1, 2	*

When an error is detected in the IIC communication test, it indicates a possible failure in the communication line or device.

*: When an error is detected in the version matching test, upgrade again to a compatible version.
Contact your local Sony Sales Office/Service Center for information on versions.

Item6: Power block diagnosis

Power block diagnosis analyzes the following contents.

ID	Diagnosis description	Error value	Type 1/2	Note
0x01	Power switch readout	-1: Cannot readout battery power switch -4: Cannot diagnose since the power switch is not set to CAMERA	1, 2	Power switch must be set to CAMERA.
0x02	Battery recognition	-1: Cannot communicate with battery -4: Cannot diagnose since the battery is not connected	1, 2	Appropriate battery must be connected.
0x03	Power supply state	-1: Power supply is not controlled correctly -4: Cannot diagnose since the power switch is not CAMERA	1, 2	Power switch must be set to CAMERA.

Item7: Diagnosis between image processor and display blocks

Diagnosis between Image processor and Display blocks analyzes the following contents.

ID	Diagnosis description	Error value	Type 1/2	Note
0x80	Video signal line test	-1: Test pattern checking failure	1, 2	Conducts a test from camera signal processor IC to base band processing IC. Monitor output images will be distorted during the test.

When an error is detected, it indicates a possible failure in the chip or the signal line between chips.

Item8 to 13: Diagnosis between display and media blocks

Diagnosis between display and media blocks analyzes the following contents.

Item No.	ID	Diagnosis description	Error value	Type 1/2	Note
8	0x90	Video signal line communication test in recording direction (in the direction from base band processing IC to AVIT signal processing IC)	-1: Test pattern checking failure -2: Sequence error	1, 2	–
9	0x91	Video signal line communication test in playback direction (in the direction from AVIT signal processing IC to base band processing IC)	-1: Test pattern checking failure -2: Sequence error	1, 2	–
10	0x92	LPCM signal line communication test in recording direction (in the direction from base band processing IC to AVIT signal processing IC)	-1: Test pattern checking failure -2: Sequence error	1, 2	–
11	0x93	LPCM signal line communication test in playback direction (in the direction from AVIT signal processing IC to base band processing IC)	-1: Test pattern checking failure -2: Sequence error	1, 2	–
12	0x94	4bit I/F signal line communication test in recording direction (in the direction from base band processing IC to AVIT signal processing IC)	-1: Test pattern checking failure -2: Sequence error	1, 2	–
13	0x95	4bit I/F signal line communication test in playback direction (in the direction from AVIT signal processing IC to base band processing)	-1: Test pattern checking failure -2: Sequence error	1, 2	–

When an error is detected, it indicates a possible failure in the chip or the signal line between chips.

4. Executing Log Dump

Executing Log Dump acquires the error log information and saves it to the active, writable media.
Select Log Dump under the INFORMATION menu, and execute it with Execute. The process is complete when “Log Dump Done” is displayed as a result. Do not remove the media until this message appears.

Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

3. Stock of Parts

Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

4-1. 補修部品注意事項

1. 安全重要部品

⚠ 警告

⚠ 印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。

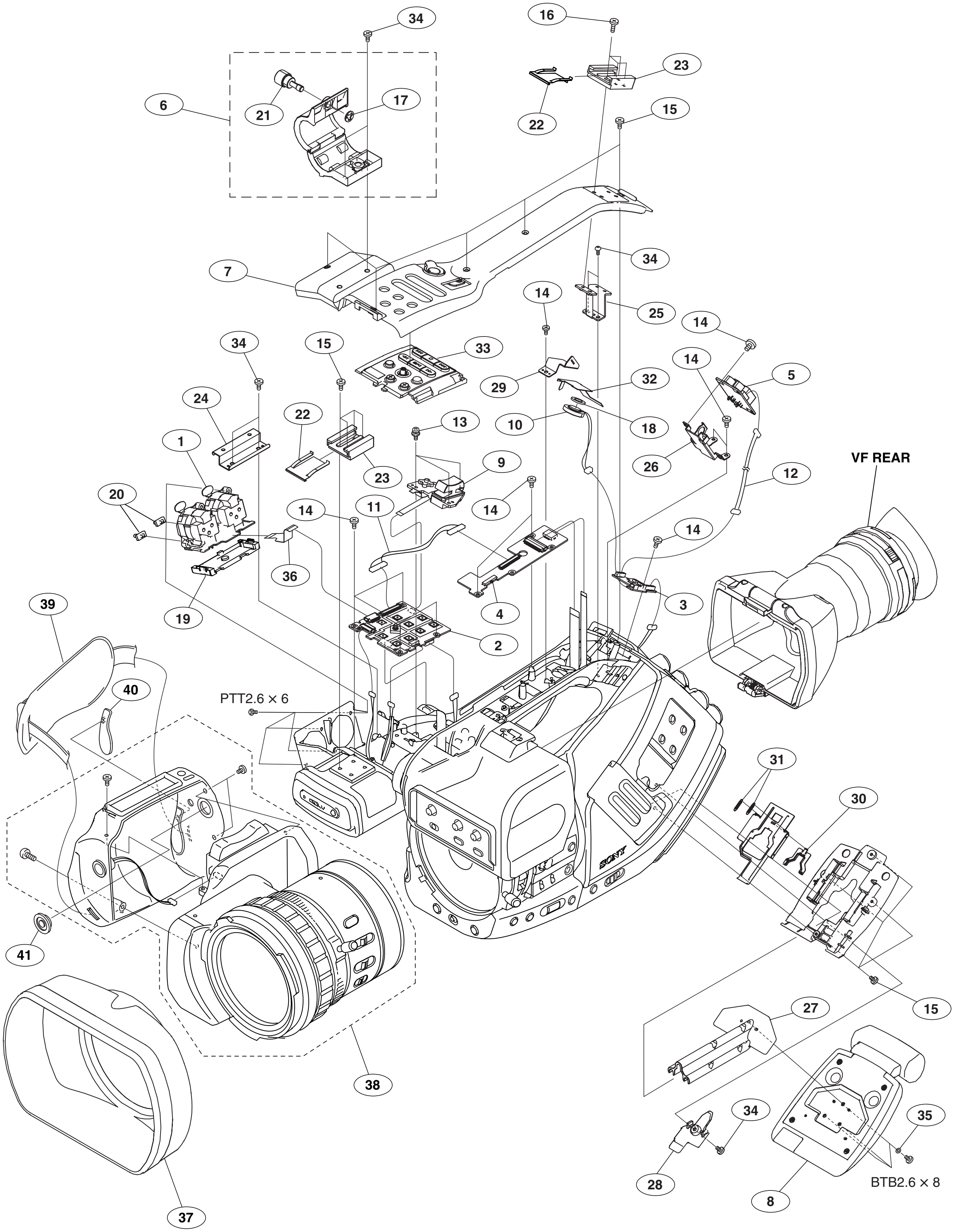
3. 部品の在庫

部品表のSP (Supply code) 欄に“o”で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. ハーネス

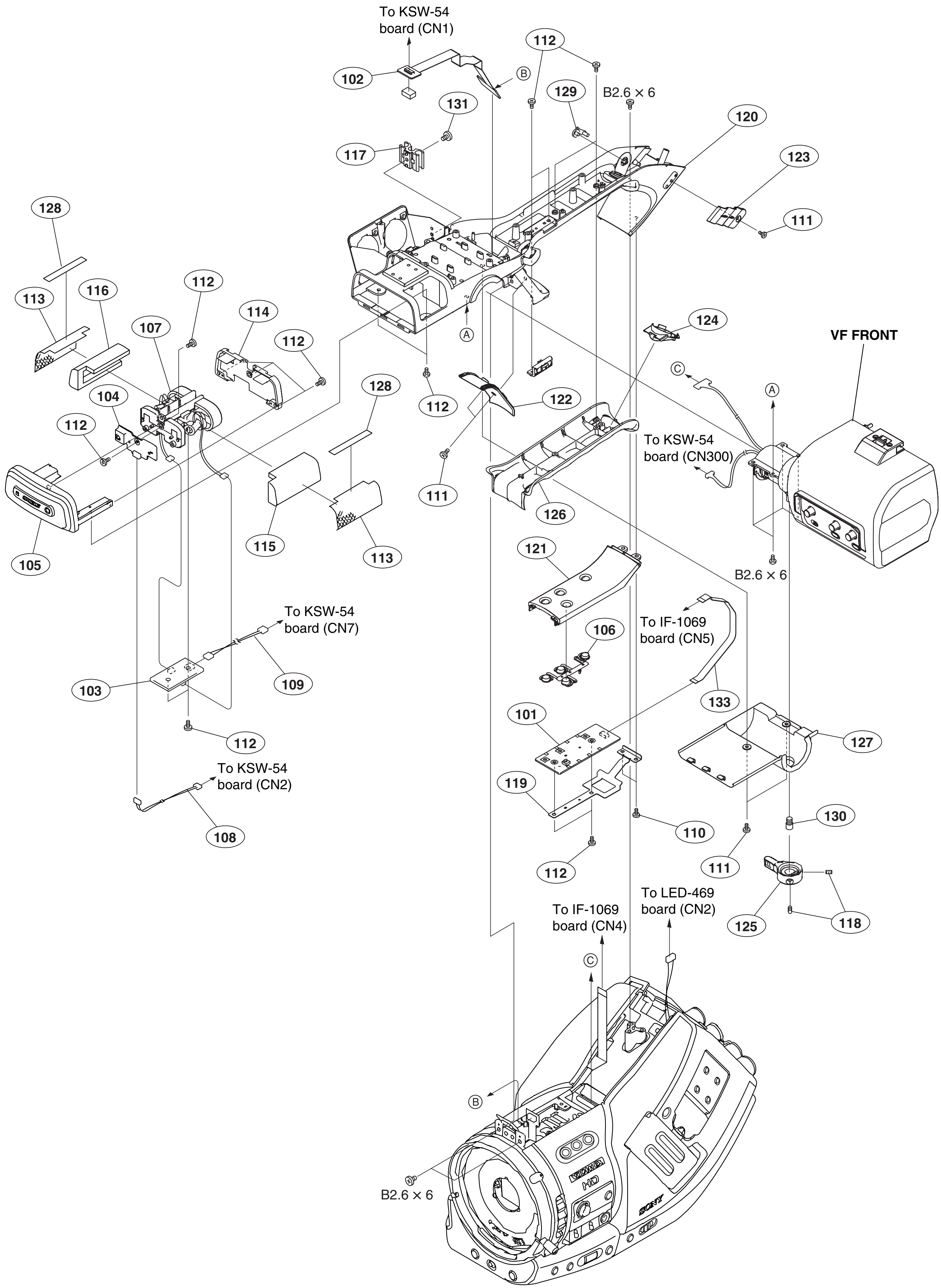
部品番号が記載されていないハーネスは，サービス部品として登録されていません。

4-2. Exploded Views



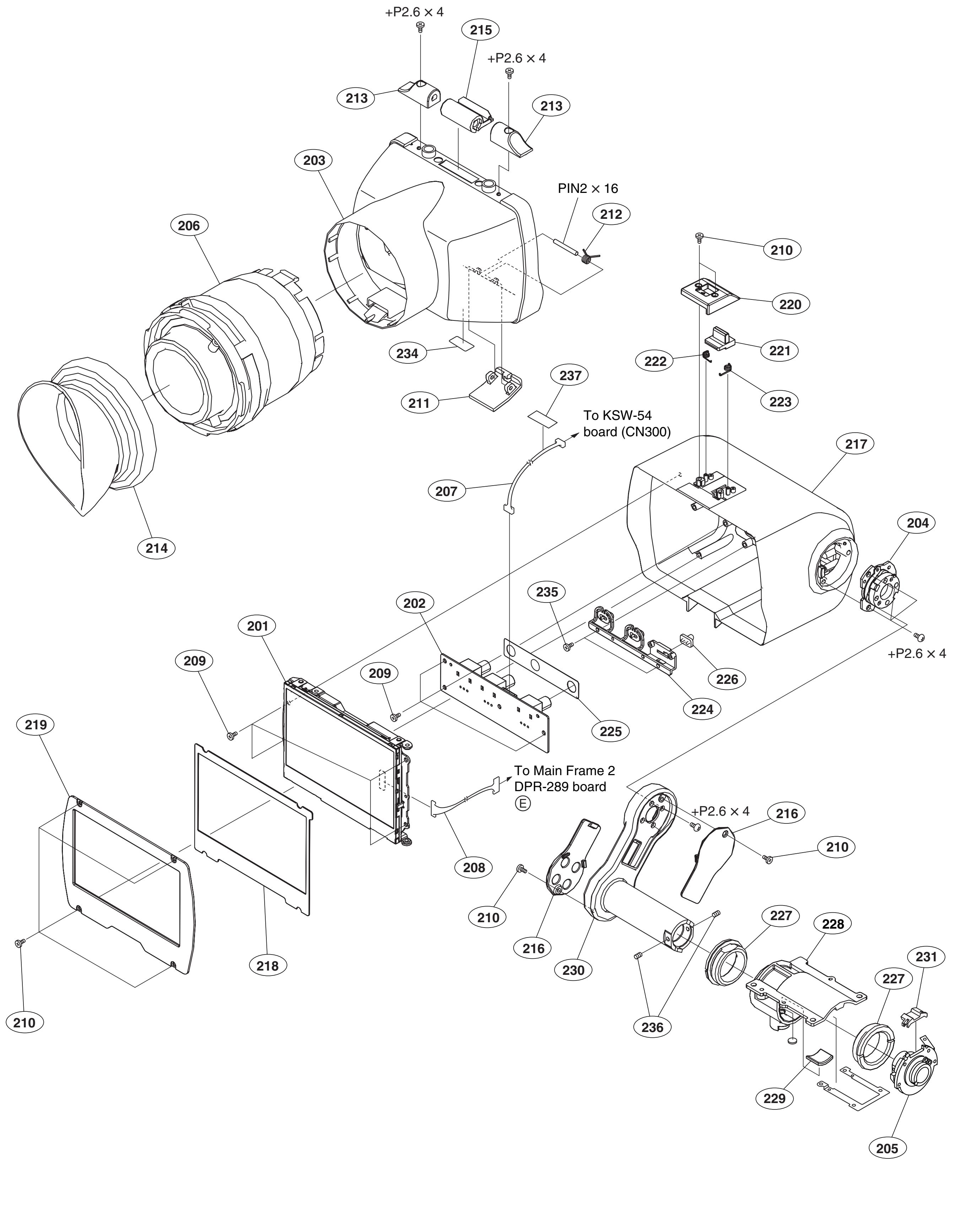
No.	Part No.	SP	Description
1	A-1545-701-A	s	MOUNTED CIRCUIT BOARD, AXM-36
2	A-1545-702-A	s	MOUNTED CIRCUIT BOARD, KSW-54
3	A-1545-707-A	s	MOUNTED CIRCUIT BOARD, LED-469
4	A-1545-709-A	s	MOUNTED CIRCUIT BOARD, IF-1069
5	A-1545-799-A	s	MOUNTED CIRCUIT BOARD, HP-144
6	X-2187-352-1	s	MICROPHONE HOLDER ASSY
7	X-2318-445-2	s	TOP COVER ASSY, HANDLE
8	X-2318-450-1	s	PAD SUB ASSY
9	1-478-955-21	s	SWITCH BLOCK, CONTROL (ZS-5610)
10	1-825-968-11	s	LOUDSPEAKER (1.8CM)
11	1-966-163-11	s	HARNESS, SUB (KSW54-IF1069)
12	1-966-170-11	s	HARNESS, SUB (8PIN)
13	2-640-315-02	o	SCREW (M2X5), SMALL, +P, SW
14	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
15	3-080-203-31	s	SREW(M2),LOCK ACE, P2
16	3-080-203-51	s	SREW(M2),LOCK ACE, P2
17	3-165-904-01	s	WASHER, SCREW STOPPER
18	3-276-443-11	s	SPEAKER CUSHION
19	3-278-666-02	s	RAIL, XLR SW
20	3-295-151-01	s	XLR SW KNOB 2
21	3-657-657-02	s	SCREW (M5)
22	3-688-754-11	s	SPRING
23	3-688-755-13	s	SHOE, ACCESSORY
24	3-876-723-01	s	BRACKET,OUT MICROPHONE
25	3-876-730-01	s	BRACKET, REAR SHOE
26	3-876-731-01	s	BRACKET, HP
27	3-876-782-02	s	SHAFT PAD
28	3-876-783-01	s	COVER,PAD CENTER
29	3-878-244-01	s	BRACKET, SPEAKER
30	3-878-246-01	s	COVER, PAD STOPPER
31	3-878-248-01	s	SPRING PAD
32	3-878-252-01	s	HARNESS COVER, HANDLE REAR
33	3-878-256-02	s	RUBBER SW KEY
34	4-673-655-01	s	SCREW +B
35	3-654-058-12	s	SPACER (3X2)
36	1-877-244-11	s	PRINTED WIRING BOARD, HN-349
37	4-110-064-01	s	HOOD, LENS
38	1-788-858-11	s	LENS, ZOOM (VCL-614B2X)
39	3-452-468-01	s	BELT, GRIP
40	3-875-399-01	s	LID, REAR
41	3-875-400-01	s	CAP
	7-685-534-19	s	SCREW +BTP 2.6X8 TYPE2 N-S
	7-685-792-09	s	SCREW +PTT 2.6X6 (S)

Handle Block 2



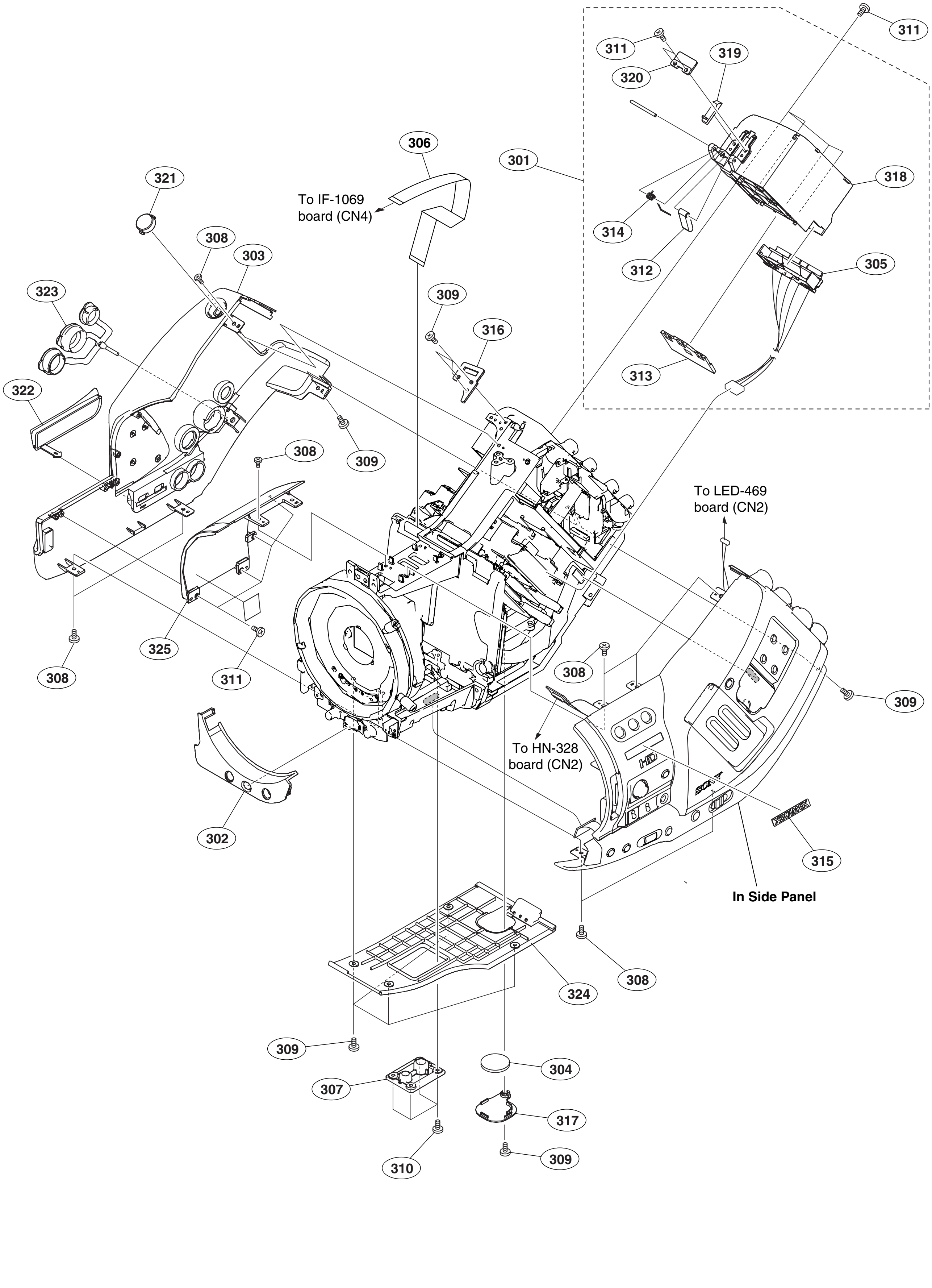
No.	Part No.	SP	Description
101	A-1545-706-A	s	MOUNTED CIRCUIT BOARD, SWC-49
102	A-1545-708-A	s	MOUNTED CIRCUIT BOARD, HN-328
103	A-1545-710-A	s	MOUNTED CIRCUIT BOARD, MA-164
104	A-1545-711-A	s	MOUNTED CIRCUIT BOARD, RM-214
105	X-2318-443-2	s	COVER ASSY,MICROPHONE
106	X-2318-444-1	s	KEY TOP (TOP PANEL) ASSY
107	1-542-748-11	s	MICROPHONE UNIT
108	1-966-160-11	s	HARNESS, SUB (KSW54-RM214)
109	1-966-161-11	s	HARNESS, SUB (KSW54-MA164)
110	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
111	3-080-203-31	s	SREW(M2),LOCK ACE,P2
112	3-080-206-21	s	SCREW, TAPPING, P2
113	3-278-656-02	s	MIC SIDE GRILLE
114	3-278-657-01	s	CASE, MICROPHONE
115	3-278-660-01	s	MIC CUSION (R)
116	3-278-661-01	s	MIC CUSION (L)
117	3-679-659-05	s	CLAMP,CABLE
118	3-701-505-01	s	SET SCREW, DOUBLE POINT 3X3
119	3-876-724-01	s	BRACKET, TOP PANEL EARTH
120	3-876-775-01	s	FRAME, HANDLE MAIN
121	3-876-776-01	s	COVER, TOP PANEL
122	3-876-779-01	s	HANDLE,FRONT COVER
123	3-876-880-02	s	CLAMP (REAR), CABLE
124	3-876-881-01	s	CASE, SPEAKER
125	3-878-238-01	s	LOCK LEVER (SLIDE)
126	3-878-243-01	s	HANDLE, GRIP COVER
127	3-878-245-01	s	COVER, BOTTOM, FRONT
128	3-878-250-02	s	SHIELD SHEET (MIC)
129	3-878-251-02	s	COVER (HP), CONNECTOR
130	3-878-269-02	s	LOCK,SCREW
131	4-641-726-13	s	SCREW (M2), SPECIAL HEAD
133	1-887-248-11	s	PRINTED WIRING BOARD, HN-348
	7-621-770-67	s	SCREW +B 2.6X6

VF Front and VF Rear



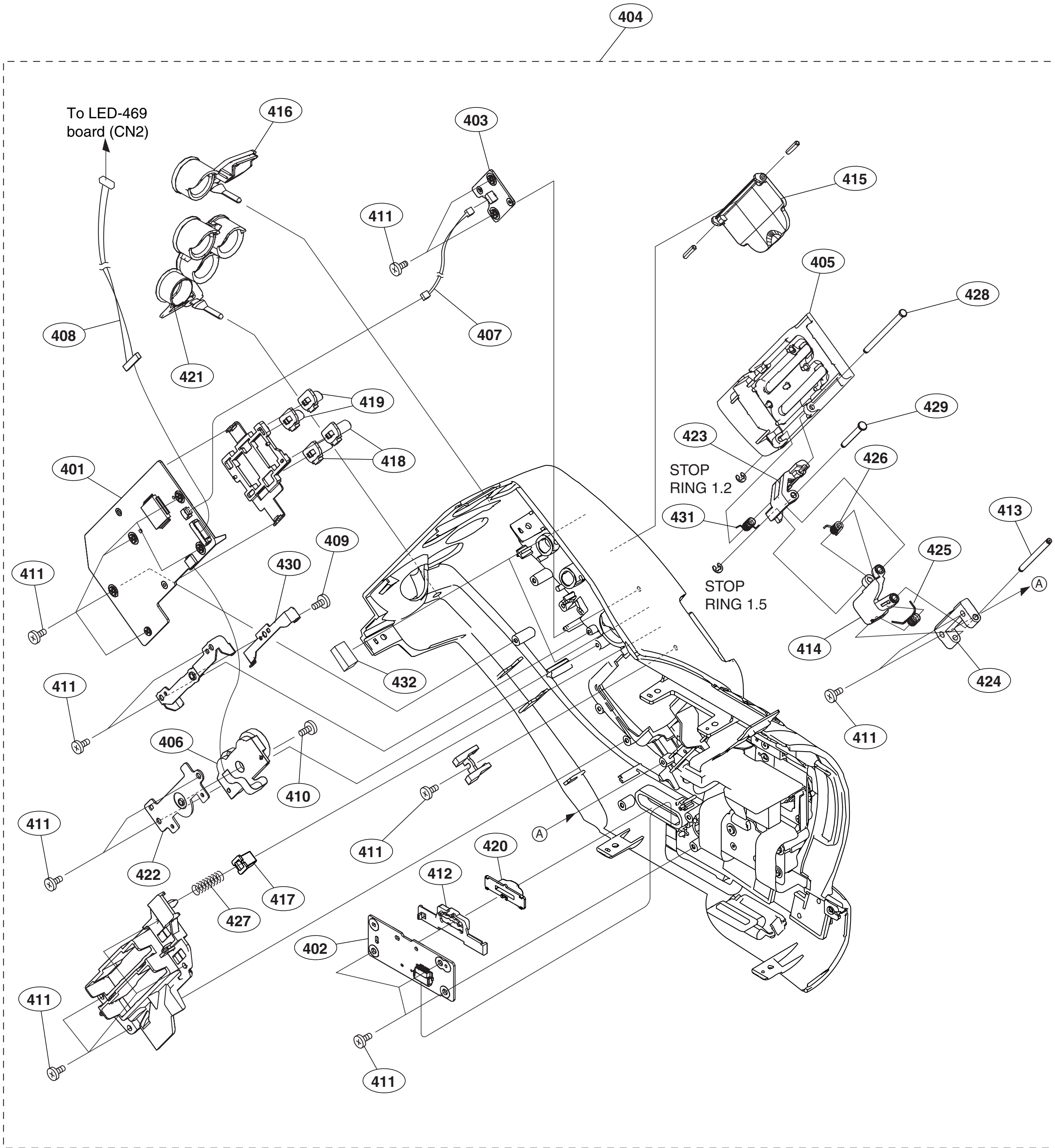
No.	Part No.	SP	Description
201	A-1363-183-B	s	3.5 INCH LCD ASSY
202	A-1545-705-A	s	MOUNTED CIRCUIT BOARD, CT-251
203	X-2318-436-1	s	BOX ASSY, REAR
204	X-2318-442-1	s	HINGE ASSY
205	X-2318-448-2	s	SLIDE ASSY, ROTARY
206	1-788-766-11	s	LOUPE, VF
207	1-966-171-11	s	HARNESS, SUB (KSW54-CT251)
208	1-966-192-11	s	HARNESS (DPR-LCD)
209	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
210	3-080-203-31	s	SREW(M2), LOCK ACE,P2
211	3-878-205-01	s	LEVER (REAR BOX)
212	3-878-206-02	s	SPRING, TORSION COIL
213	3-878-207-01	s	BLOCK, SHAFT FIXED
214	3-878-208-01	s	EYE CUP
215	3-878-209-02	s	HINGE, SWITCHING
216	3-878-226-01	s	COVER, ARM
217	3-878-227-01	s	BOX, FRONT
218	3-878-228-01	s	COVER LCD
219	3-878-229-01	s	PLATE, DISPLAY
220	3-878-230-01	s	GUIDE, SLIDE
221	3-878-231-01	s	SW SLIDE
222	3-878-232-01	s	SPRING (A90), TORSION COIL
223	3-878-233-01	s	SPRING (A-70), TORSION COIL
224	3-878-234-01	s	SWITCH, VF
225	3-878-235-01	s	PLATE, BLIND
226	3-878-236-01	s	SWITCH (IMAGE), SLIDE
227	3-878-267-01	s	REST, ARM
228	3-878-268-01	s	TABLE, FIXED,VF SLIDE
229	3-878-270-02	s	CUSION, STOPPER
230	3-878-271-02	s	ARM
231	3-878-272-01	s	GUIDE
234	4-109-147-01	s	LABEL, CAUTION
235	4-641-726-13	s	SCREW (M2), SPECIAL HEAD
236	3-701-505-01	s	SET SCREW, DOUBLE POINT 3X3
237	4-108-765-01	s	TAPE 25
	7-621-284-00	s	SCREW +P 2.6X4
	7-626-314-31	s	SPRING PIN 2X16

Outside Panel and Battery



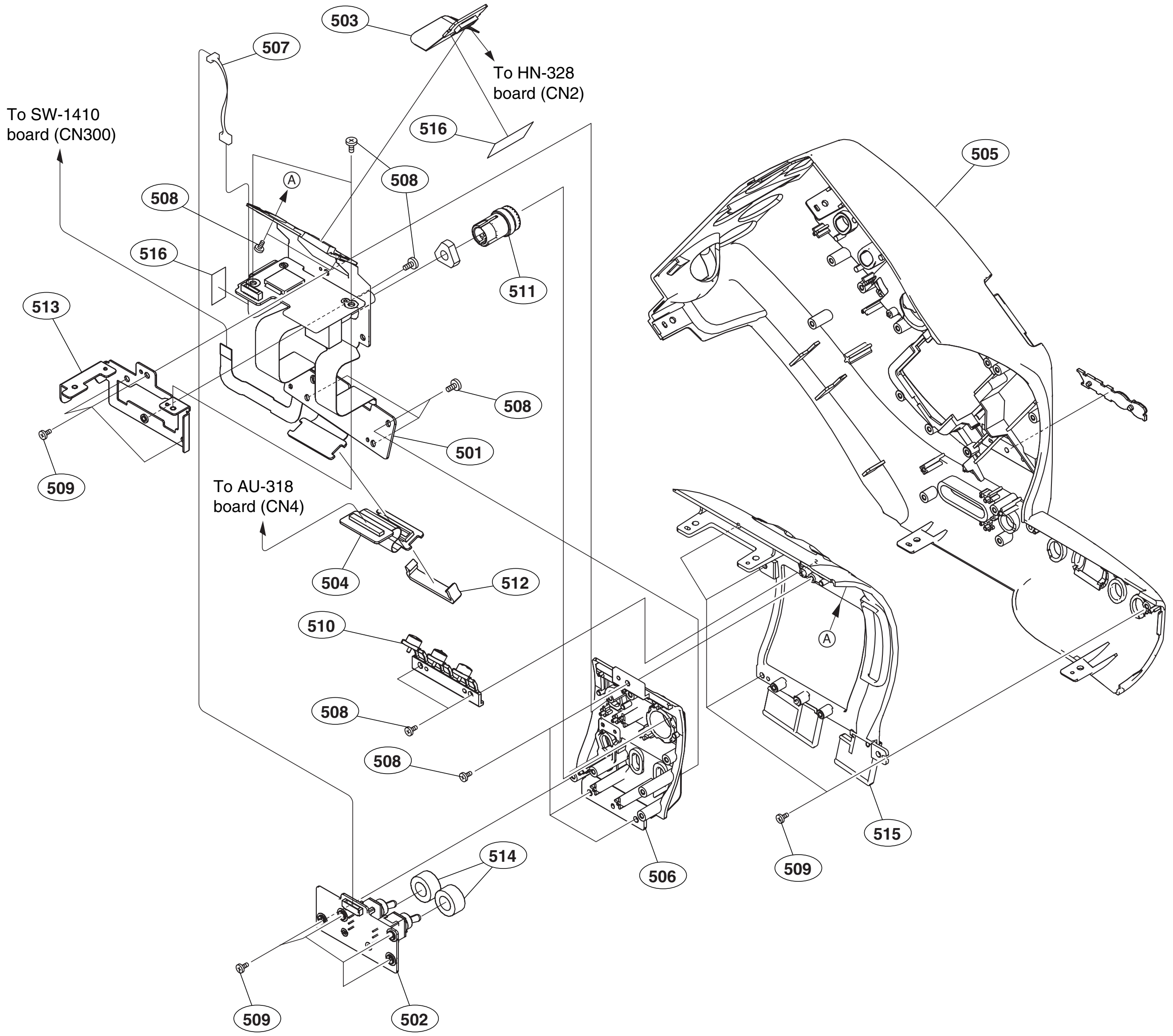
No.		Part No.	SP	Description
301		A-1548-381-A	s	CASE ASSY, BATTERY
302		X-2318-447-2	s	PANEL ASSY, FRONT
303		X-2318-473-3	s	PANEL SUB ASSY, OUTSIDE
304	⚠	1-528-174-31	s	BATTERY, LITHIUM (CR2032 TYPE)
305		1-780-570-21	s	TERMINAL BOARD, BATTERY
306		1-834-584-11	s	CABLE, FLEXIBLE FLAT (30 CORE)
307		2-178-793-02	s	BRACKET (TRIPOD)
308		3-056-233-21	s	SCREW (M2), LOCK ACE, P2
309		3-080-203-31	s	SREW(M2), LOCK ACE, P2
310		3-080-203-51	s	SREW(M2), LOCK ACE, P2
311		3-080-206-21	s	SCREW, TAPPING, P2
312		3-278-250-01	s	LOCK LEVER BT
313		3-278-253-01	s	CONNECTOR BRACKET
314		3-278-256-01	s	SPRING, TORSION (BT)
315		3-278-644-01	s	XDCAM EMBLEM
316		3-876-729-01	s	BRACKET,SHOULDER
317		3-876-773-01	s	LID, BUTTON BATTERY
318		3-876-774-01	s	CASE BATTERY
319		3-876-777-01	s	LEVER EJECT
320		3-876-778-01	s	COVER, LEVER EJECT
321		3-876-781-01	s	SW EJECT
322		3-877-746-02	s	COVER, CONNECTOR (1)
323		3-877-980-01	s	COVER, CONNECTOR (2)
324		3-878-253-02	s	PANEL, BOTTOM
325		3-878-538-01	s	PANEL (1), OUT SIDE

Inside Panel 1



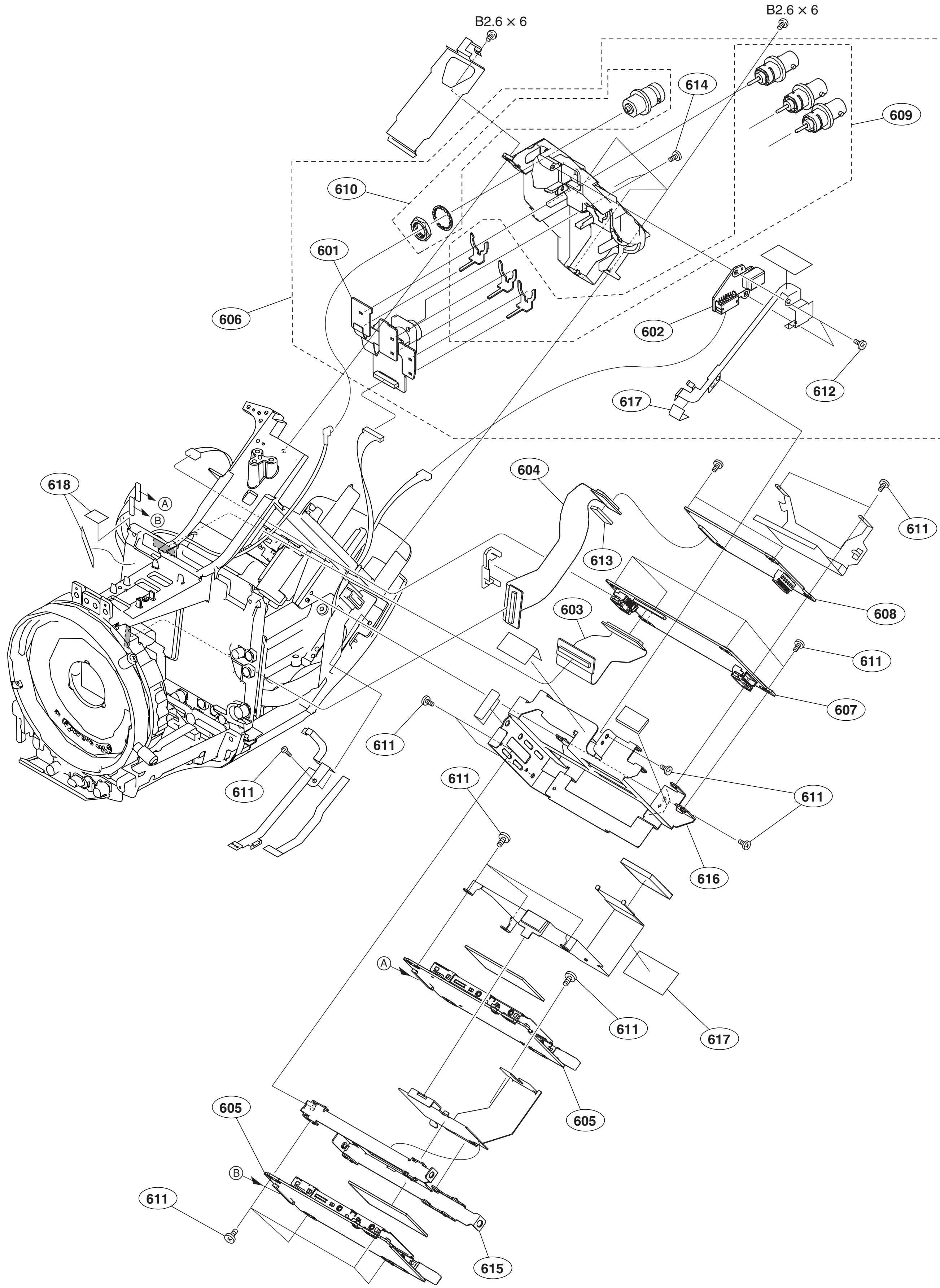
No.	Part No.	SP	Description
401	A-1545-695-A	s	MOUNTED CIRCUIT BOARD, ASW-66
402	A-1545-696-A	s	MOUNTED CIRCUIT BOARD, SW-1410
403	A-1545-698-A	s	MOUNTED CIRCUIT BOARD, SW-1412
404	A-1549-955-A	s	PANEL ASSY, IN SIDE
405	X-2318-435-1	s	EX SUB ASSY, LID
406	1-480-457-11	s	BLOCK, AU VOLUME
407	1-966-165-11	s	HARNESS, SUB (ASW66-SW1412)
408	1-966-172-11	s	HARNESS, SUB (ASW66-LED469)
409	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
410	3-080-203-51	s	SCREW(M2),LOCK ACE,P2
411	3-080-206-21	s	SCREW, TAPPING, P2
412	3-278-633-01	s	POWER SW SLIDE RAIL
413	3-703-358-09	s	PIN, PARALLEL (DIA. 2X25)
414	3-877-688-01	s	ARM(B),EX
415	3-877-740-01	s	COVER,VOLUME
416	3-877-748-03	s	COVER (UPPER), CONNECTOR
417	3-877-960-01	s	GUARD,CABLE
418	3-877-963-01	s	SWITCH, AU SLIDE (2)
419	3-877-973-01	s	SWITCH, SLIDE, AU
420	3-877-975-01	s	SW, POWER
421	3-877-987-01	s	COVER (LOWER), CONNECTOR
422	3-878-078-01	s	BRACKET (AU VOL)
423	3-878-081-01	s	ARM(A), EX
424	3-878-512-01	s	BASE, EX
425	3-878-513-01	s	SPRING (1), TORSION COIL
426	3-878-514-01	s	SPRING (2), TORSION COIL
427	3-878-515-01	s	SPRING , COMPRESSION COIL
428	3-878-516-01	s	SHAFT (1)
429	3-878-517-02	s	SHAFT (3)
430	3-878-530-01	s	SPRING (LID), PLATE
431	3-878-627-01	s	SPRING, LID
432	3-878-700-01	s	CUSHION INSIDE
	7-624-101-04	s	STOP RING 1.2 (E TYPE)
	7-624-102-04	s	STOP RING 1.5, TYPE -E

Inside Panel 2



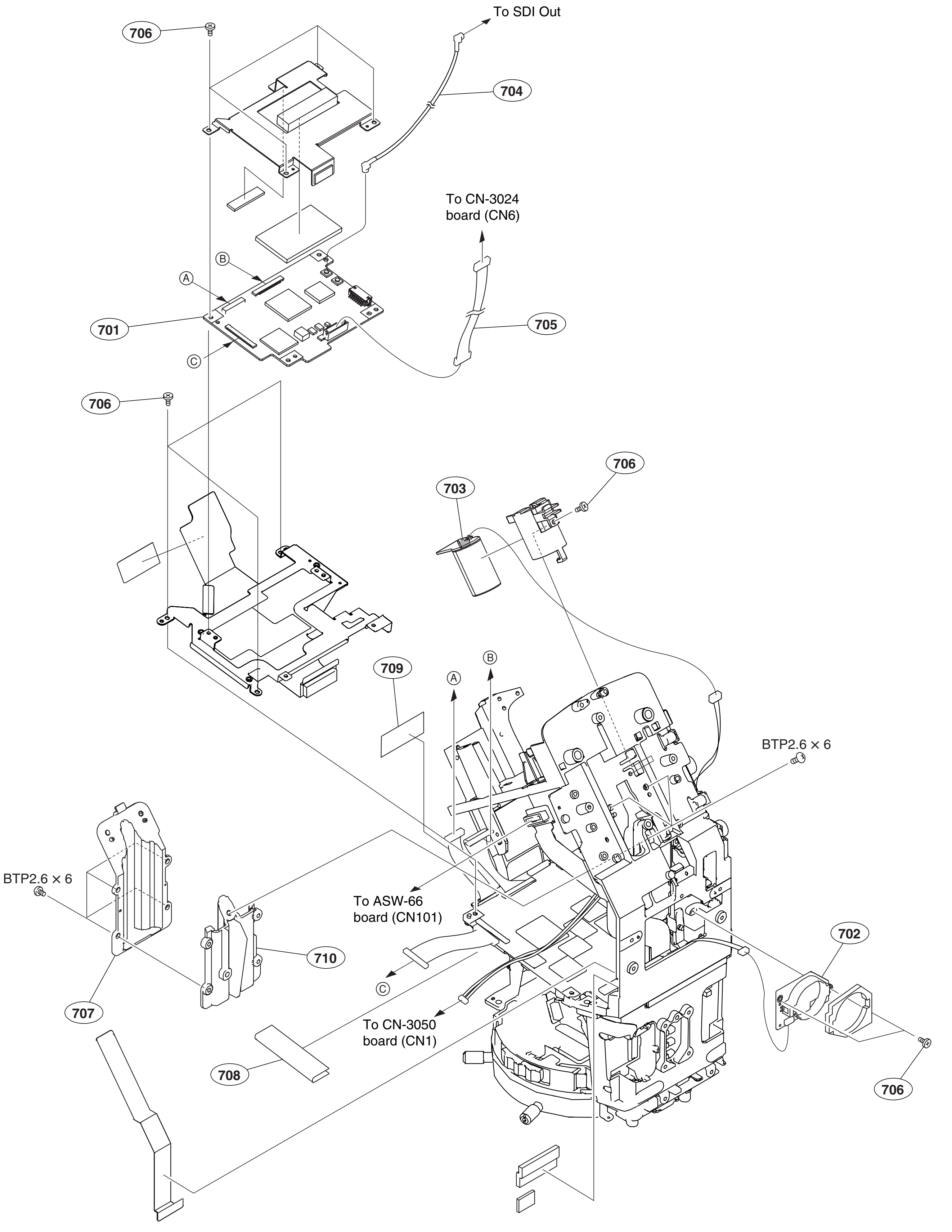
No.	Part No.	SP	Description
501	A-1545-694-A	s	MOUNTED CIRCUIT BOARD, SWC-48
502	A-1545-697-A	s	MOUNTED CIRCUIT BOARD, SW-1411
503	A-1545-699-A	s	MOUNTED CIRCUIT BOARD, HN-343
504	A-1545-700-A	s	MOUNTED CIRCUIT BOARD, HN-344
505	X-2318-470-3	s	PANEL (2) SUB ASSY, IN SIDE
506	X-2318-472-2	s	PANEL (3) SUB ASSY, INSIDE
507	1-966-170-11	s	HARNESS, SUB (8PIN)
508	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
509	3-080-206-21	s	SCREW, TAPPING, P2
510	3-877-677-01	s	KEY TOP (ASSIGN)
511	3-877-689-01	s	KEY TOP (FRAME)
512	3-877-759-01	s	HOLDER, CN
513	3-878-018-01	s	BRACKET (FRAME/FULL AUTO)
514	3-878-080-01	s	SPACER, LIGHT INTERCEPTION
515	3-878-532-01	s	PANEL(1) , IN SIDE
516	3-878-890-02	s	TAPE (SWC48)

EX-DD and Connector Rear



No.	Part No.	SP	Description
601	A-1545-703-A	s	MOUNTED CIRCUIT BOARD, CN-3024
602	A-1545-704-A	s	MOUNTED CIRCUIT BOARD, CN-3050
603	A-1545-716-A	s	MOUNTED CIRCUIT BOARD, CN-3022
604	A-1545-717-A	s	MOUNTED CIRCUIT BOARD, CN-3023
605	A-1545-718-A	s	MOUNTED CIRCUIT BOARD, EC-63
606	A-1549-958-A	s	REAR ASSY, CONNECTOR
607	A-1550-168-A	s	MOUNTED CIRCUIT BOARD, RE-260
608	A-1550-169-A	s	MOUNTED CIRCUIT BOARD, RE-261
609	1-766-381-11	s	CONNECTOR, COAXIAL (BNC TYPE)
610	1-784-240-11	s	CONVERTER, COAXIAL CONNECTOR
611	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
612	3-080-206-21	s	SCREW, TAPPING, P
613	3-286-759-01	s	CUSHION CN3007
614	3-694-181-03	s	TYPE1,AROCK PRECISION +P 2.6X5
615	3-876-722-01	s	BRACKET, EX
616	3-878-258-02	s	BRACKET, EX-DD
617	3-878-890-02	s	TAPE (SWC48)
618	3-878-657-01	s	TAPE50
	7-621-770-67	s	SCREW +B 2.6X6

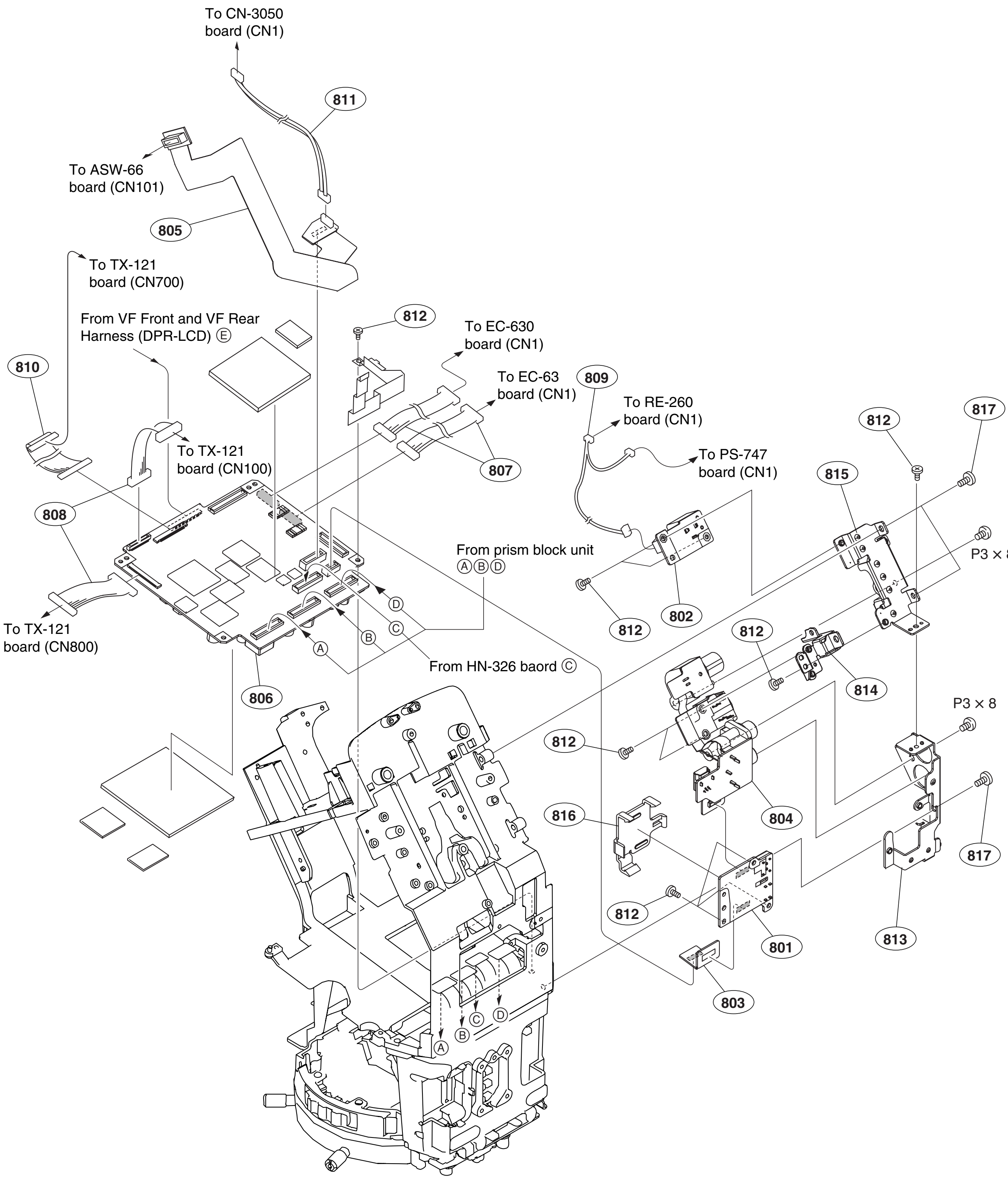
Main Frame 1



To SDI Out
706
704
To CN-3024
board (CN6)
B
A
701
705
C
706
706
703
709
B
A
BTP2.6 × 6
BTP2.6 × 6
To ASW-66
board (CN101)
702
710
C
707
To CN-3050
board (CN1)
708
706

No.	Part No.	SP	Description
701	A-1563-418-A	s	MOUNTED CIRCUIT BOARD, TX-129
702	A-1545-691-A	s	MOUNTED CIRCUIT BOARD, BP-42
703	A-1545-798-A	s	MOUNTED CIRCUIT BOARD, PS-747
704	1-829-055-11	s	CABLE ASSEMBLY, COAXIAL
705	1-966-168-11	s	HARNESS, SUB (TX121-CN3024)
706	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
707	3-878-254-02	s	RAIL, PAD TOP
708	3-878-656-01	s	TAPE 60
709	3-878-657-01	s	TAPE 50
710	3-878-255-01	s	RAIL,PAD BOTTOM
	7-685-533-19	s	SCREW +BTP 2.6X6 TYPE2 N-S

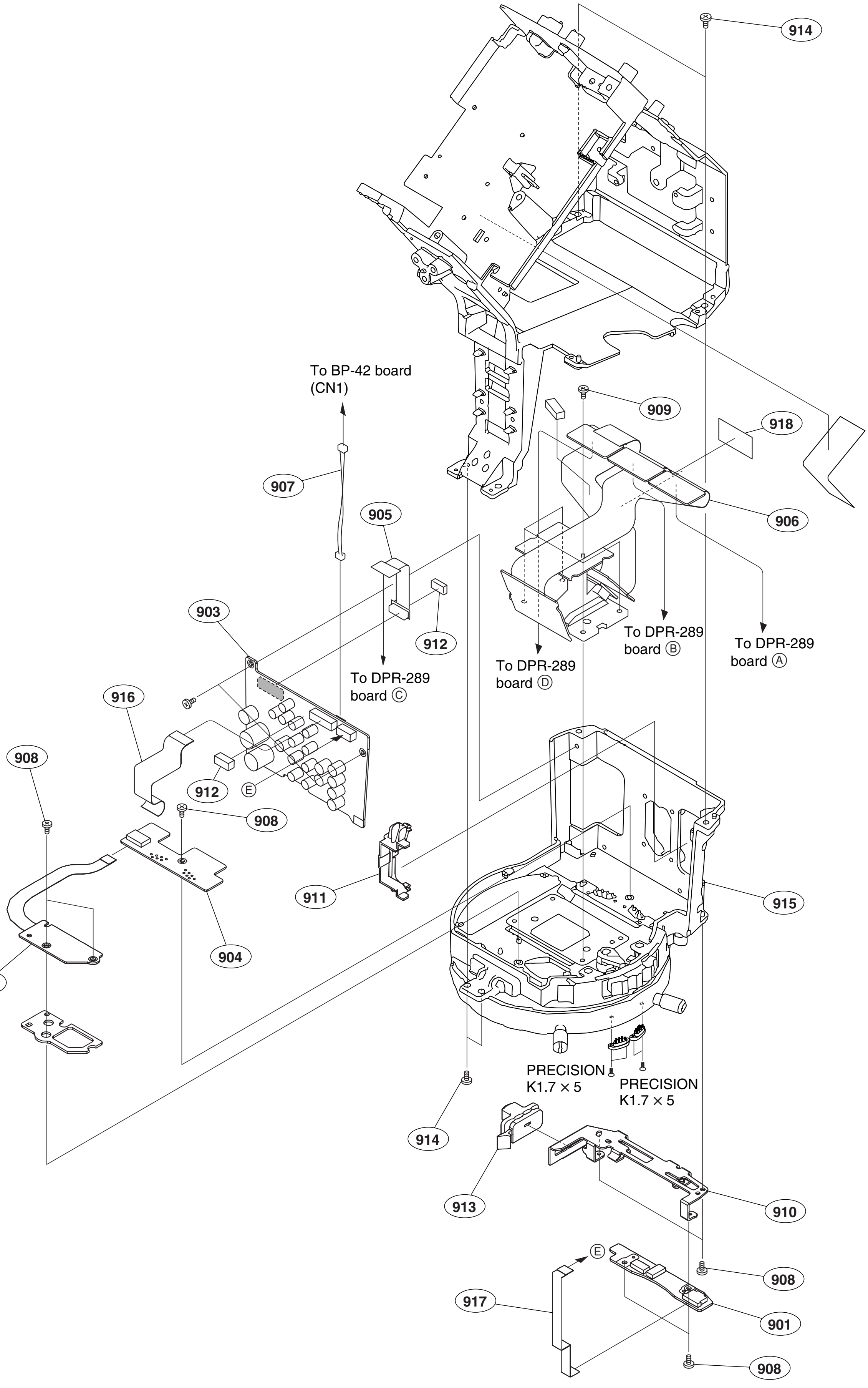
Main Frame 2



To CN-3050
board (CN1)
811
To ASW-66
board (CN101)
805
To TX-121
board (CN700)
From VF Front and VF Rear
Harness (DPR-LCD) Ⓔ
812
To EC-630
board (CN1)
810
To EC-63
board (CN1)
809
To RE-260
board (CN1)
812
817
To TX-121
board (CN100)
To PS-747
board (CN1)
807
815
808
From prism block unit
ⒶⒷⒹ
P3 × 8
812
802
812
To TX-121
board (CN800)
From HN-326 baord Ⓒ
814
806
P3 × 8
812
816
804
817
812
801
813
803

No.	Part No.	SP	Description
801	A-1545-791-A	s	MOUNTED CIRCUIT BOARD, JK-81
802	A-1545-792-A	s	MOUNTED CIRCUIT BOARD, DC-146
803	A-1545-795-A	s	MOUNTED CIRCUIT BOARD, MOUNT, HN-347
804	A-1545-796-A	s	MOUNTED CIRCUIT BOARD, MOUNT, JK-84
805	A-1545-797-A	s	MOUNTED CIRCUIT BOARD, HN-337
806	A-1555-158-A	s	MOUNTED CIRCUIT BOARD, DPR-289A
807	1-965-708-11	s	HARNESS (DPR-EC)
808	1-965-710-11	s	HARNESS (DPR-TX)
809	1-966-164-11	s	HARNESS, SUB (DC146-RE260)
810	1-966-167-11	s	HARNESS, SUB (DPR289-TX121)
811	1-966-169-11	s	HARNESS, SUB (HN337-CN3050)
812	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
813	3-876-718-02	s	BRACKET, CN (OUT)
814	3-876-719-01	s	S BRACKET
815	3-876-727-02	s	BRACKET (OUT) REAR, CONNECTOR
816	3-876-885-01	s	CLAMP, CN OUTSIDE
817	4-673-655-01	s	SCREW +B
	7-685-146-11	s	SCREW +P 3X8 TYPE2 NON-SLIT

Lens Mount



914
909
918
To BP-42 board
(CN1)
907
905
906
903
912
To DPR-289
board Ⓑ
To DPR-289
board Ⓐ
To DPR-289
board Ⓒ
To DPR-289
board Ⓓ
916
908
912
Ⓔ
908
911
915
904
902
PRECISION
K1.7 × 5
PRECISION
K1.7 × 5
914
913
910
Ⓔ
908
917
901
908

No.	Part No.	SP	Description
901	A-1545-722-A	s	MOUNTED CIRCUIT BOARD, SW-1389
902	A-1545-723-A	s	MOUNTED CIRCUIT BOARD, SE-923
903	A-1545-724-A	s	MOUNTED CIRCUIT BOARD, AU-318
904	A-1545-725-A	s	MOUNTED CIRCUIT BOARD, IR-42
905	A-1545-726-A	s	MOUNTED CIRCUIT BOARD, HN-326
906	A-1557-692-A	s	BLOCK UNIT, PRISM
907	1-966-162-11	s	HARNESS, SUB (AU318-BP42)
908	3-056-233-21	s	SCREW (M2), LOCK ACE, P2
909	3-080-203-41	s	SREW(M2), LOCK ACE,P2
910	3-876-720-01	s	BRACKET, SW PWB
911	3-876-882-02	s	GUIDE, PC BOARD,INSIDE
912	3-876-883-01	s	CUSHION (FRONT)
913	3-878-241-01	s	HOLDER, LENS MOUNT
914	4-673-655-01	s	SCREW +B
915	1-788-851-11	s	LENS MOUNT
916	1-877-242-11	s	PRINTED WIRING BOARD, HN-346
917	1-877-241-11	s	PRINTED WIRING BOARD, HN-345
918	3-878-657-01	s	TAPE50
	7-627-450-98	s	SCREW, PRECISION +K 1.7X5 TYPE1 S

4-3. Electrical Parts List

ASW-66 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-695-A	s	MOUNTED CIRCUIT BOARD, ASW-66
C100	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C101	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C102	1-127-715-91	s	CAP,CHIP CERAMIC 0.22MF B 1608
C103	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C104	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C105	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C106	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C107	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C108	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C109	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C110	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C111	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C112	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C113	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C114	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C115	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C116	1-128-991-21	s	CAP, ELECT 10MF (5.3X5.5)
C117	1-128-991-21	s	CAP, ELECT 10MF (5.3X5.5)
C118	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C119	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C120	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C121	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C122	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C123	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C124	1-128-991-21	s	CAP, ELECT 10MF (5.3X5.5)
C125	1-128-991-21	s	CAP, ELECT 10MF (5.3X5.5)
C126	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C127	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C128	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C129	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C130	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C131	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C132	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C133	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C134	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C135	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C136	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN100	1-817-548-61	s	CONNECTOR, FPC 6P
CN102	1-816-463-21	s	PIN, CONNECTOR (PC BOARD) 10P
CN103	1-794-375-21	s	PIN, CONNECTOR 2P
D100	8-719-820-42	s	DIODE 1SS302-TE85L
D101	8-719-820-42	s	DIODE 1SS302-TE85L
D102	8-719-820-42	s	DIODE 1SS302-TE85L
D103	8-719-820-42	s	DIODE 1SS302-TE85L
D104	8-719-820-42	s	DIODE 1SS302-TE85L
D105	8-719-820-42	s	DIODE 1SS302-TE85L
D106	8-719-069-28	s	DIODE 1SS400TE-61
D107	8-719-069-28	s	DIODE 1SS400TE-61
D600	8-719-820-42	s	DIODE 1SS302-TE85L
IC100	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC101	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC102	8-759-144-75	s	IC UPC4572G2-E2
IC103	8-759-144-75	s	IC UPC4572G2-E2
IC104	6-713-118-01	s	IC PCA9554BS-T
IC105	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC106	6-807-802-01	s	IC UPD78F0533AGB(S)-402-UEU-A

(ASW-66 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L100	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L101	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L102	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
Q100	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q101	6-550-232-01	s	TRANSISTOR 2SA2029FS6T2LQ/R
Q102	6-550-232-01	s	TRANSISTOR 2SA2029FS6T2LQ/R
Q103	8-729-231-72	s	TRANSISTOR 2SC3326N-TE85L-AB
Q104	8-729-231-72	s	TRANSISTOR 2SC3326N-TE85L-AB
R100	1-208-895-81	s	RES, CHIP 2.2K (1005)
R101	1-208-895-81	s	RES, CHIP 2.2K (1005)
R102	1-208-895-81	s	RES, CHIP 2.2K (1005)
R103	1-208-895-81	s	RES, CHIP 2.2K (1005)
R104	1-208-903-81	s	RES, CHIP 4.7K (1005)
R105	1-208-903-81	s	RES, CHIP 4.7K (1005)
R106	1-208-935-81	s	RES, CHIP 100K (1005)
R107	1-208-935-81	s	RES, CHIP 100K (1005)
R108	1-208-935-81	s	RES, CHIP 100K (1005)
R109	1-220-878-81	s	RES, CHIP 22 (1005)
R110	1-220-878-81	s	RES, CHIP 22 (1005)
R111	1-220-878-81	s	RES, CHIP 22 (1005)
R116	1-208-918-81	s	RES, CHIP 20K (1005)
R117	1-208-918-81	s	RES, CHIP 20K (1005)
R118	1-208-918-81	s	RES, CHIP 20K (1005)
R119	1-208-918-81	s	RES, CHIP 20K (1005)
R120	1-208-918-81	s	RES, CHIP 20K (1005)
R121	1-208-918-81	s	RES, CHIP 20K (1005)
R122	1-208-927-81	s	RES, CHIP 47K (1005)
R123	1-208-935-81	s	RES, CHIP 100K (1005)
R124	1-208-935-81	s	RES, CHIP 100K (1005)
R125	1-208-911-81	s	RES, CHIP 10K (1005)
R126	1-208-871-81	s	RES, CHIP 220 (1005)
R127	1-208-871-81	s	RES, CHIP 220 (1005)
R128	1-208-918-81	s	RES, CHIP 20K (1005)
R129	1-208-918-81	s	RES, CHIP 20K (1005)
R130	1-208-935-81	s	RES, CHIP 100K (1005)
R131	1-220-878-81	s	RES, CHIP 22 (1005)
R132	1-220-878-81	s	RES, CHIP 22 (1005)
R133	1-220-878-81	s	RES, CHIP 22 (1005)
R134	1-220-878-81	s	RES, CHIP 22 (1005)
R135	1-208-923-81	s	RES, CHIP 33K (1005)
R136	1-208-923-81	s	RES, CHIP 33K (1005)
R137	1-208-887-81	s	RES, CHIP 1.0K (1005)
R138	1-208-887-81	s	RES, CHIP 1.0K (1005)
R141	1-208-933-81	s	RES, CHIP 82K (1005)
R142	1-208-933-81	s	RES, CHIP 82K (1005)
R143	1-208-935-81	s	RES, CHIP 100K (1005)
R144	1-208-935-81	s	RES, CHIP 100K (1005)
R145	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R146	1-208-863-81	s	RES, CHIP 100 (1005)
R147	1-208-863-81	s	RES, CHIP 100 (1005)
R148	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R149	1-208-887-81	s	RES, CHIP 1.0K (1005)
R150	1-208-887-81	s	RES, CHIP 1.0K (1005)
R151	1-208-903-81	s	RES, CHIP 4.7K (1005)
R152	1-208-863-81	s	RES, CHIP 100 (1005)
R153	1-208-863-81	s	RES, CHIP 100 (1005)
R156	1-208-911-81	s	RES, CHIP 10K (1005)
R157	1-208-927-81	s	RES, CHIP 47K (1005)

(ASW-66 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R158	1-208-927-81	s	RES, CHIP 47K (1005)
R159	1-208-911-81	s	RES, CHIP 10K (1005)
R160	1-208-911-81	s	RES, CHIP 10K (1005)
R161	1-208-927-81	s	RES, CHIP 47K (1005)
R162	1-208-887-81	s	RES, CHIP 1.0K (1005)
R163	1-208-911-81	s	RES, CHIP 10K (1005)
R164	1-208-911-81	s	RES, CHIP 10K (1005)
R165	1-208-911-81	s	RES, CHIP 10K (1005)
R166	1-208-887-81	s	RES, CHIP 1.0K (1005)
R167	1-208-911-81	s	RES, CHIP 10K (1005)
R168	1-208-927-81	s	RES, CHIP 47K (1005)
R600	1-208-895-81	s	RES, CHIP 2.2K (1005)
RB101	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB102	1-234-380-21	o	RES, NETWORK 47K (1005X4)
S100	1-572-922-31	s	SWITCH, SLIDE
S101	1-572-922-31	s	SWITCH, SLIDE
S102	1-572-922-31	s	SWITCH, SLIDE
S103	1-572-922-31	s	SWITCH, SLIDE

AU-318 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-724-A	s	MOUNTED CIRCUIT BOARD, AU-318
C1	1-131-661-21	s	CAP, CHIP ELECT 100MF(6.3X5.7)
C2	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C3	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C4	1-125-891-91	s	CAP, CHIP CERAMIC0.47MF B 1608
C5	1-162-966-91	s	CAP, CERAMIC 2200PF B 1608
C6	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C8	1-165-467-21	s	CAP, ELECT 47MF 8X10
C9	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C10	1-165-467-21	s	CAP, ELECT 47MF 8X10
C11	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C17	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C18	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C19	1-165-176-91	s	CAP,CERAMIC 47000PF B 1608
C20	1-127-715-91	s	CAP,CHIP CERAMIC 0.22MF B 1608
C21	1-162-915-91	s	CAP, CERAMIC 10PF CH 1608
C22	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C23	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C50	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C51	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C52	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C53	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C103	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C104	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)
C105	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)
C106	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C107	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C108	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C109	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C110	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C111	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C112	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C113	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C114	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C115	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C116	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C117	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C118	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C119	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C120	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C121	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C122	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C123	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C124	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C125	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C126	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C127	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C128	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C129	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C130	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C131	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C134	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C135	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C136	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C137	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C138	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C203	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C204	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)

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Ref. No. or Q'ty	Part No.	SP	Description
C205	1-126-401-21	s	CAP, CHIP ELECT 1MF (4X5.7)
C206	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C207	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C208	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C209	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C210	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C211	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C212	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C213	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C214	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C215	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C216	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C217	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C218	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C219	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C220	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C221	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C222	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C223	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C224	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C225	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C226	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C227	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C228	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C229	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C230	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C231	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C236	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C237	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C238	1-124-779-21	s	CAP, ELECT 10MF (4.3X5.5)
C301	1-165-629-91	s	CAP, CERAMIC 1000000PF B(3225)
C302	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C321	1-165-629-91	s	CAP, CERAMIC 1000000PF B(3225)
C322	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C401	1-100-505-91	s	CAP, CERAMIC 0.1MF C (1005)
C402	1-100-505-91	s	CAP, CERAMIC 0.1MF C (1005)
C403	1-100-505-91	s	CAP, CERAMIC 0.1MF C (1005)
C404	1-100-505-91	s	CAP, CERAMIC 0.1MF C (1005)
CN1	1-778-648-31	s	CONNECTOR, FFC/FPC(ZIF) ST 20P
CN2	1-778-646-31	s	CONNECTOR, FFC/FPC(ZIF) ST 10P
CN6	1-820-456-31	s	CONNECTOR, BOARD TO BOARD 80P
CN7	1-794-376-21	s	PIN, CONNECTOR 4P
D2	8-719-048-98	s	DIODE RB160L-40TE25
D3	8-719-048-17	s	DIODE MBRS130LT3
D50	8-719-082-45	s	DIODE RB715W-TL
D101	8-719-069-61	s	DI UDZSUSTE-1710B
D102	8-719-069-61	s	DI UDZSUSTE-1710B
D103	8-719-069-61	s	DI UDZSUSTE-1710B
D104	8-719-069-61	s	DI UDZSUSTE-1710B
D105	8-719-820-42	s	DIODE 1SS302-TE85L
D106	8-719-820-42	s	DIODE 1SS302-TE85L
D201	8-719-069-61	s	DI UDZSUSTE-1710B
D202	8-719-069-61	s	DI UDZSUSTE-1710B
D203	8-719-069-61	s	DI UDZSUSTE-1710B
D204	8-719-069-61	s	DI UDZSUSTE-1710B
D205	8-719-820-42	s	DIODE 1SS302-TE85L
D206	8-719-820-42	s	DIODE 1SS302-TE85L
IC1	6-703-223-01	s	IC MAX668EUB+TG069

(AU-318 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC2	6-711-691-01	s	IC TPS63700DRCR
IC50	6-700-108-01	s	IC RV5C387A-E2-FB
IC51	6-703-879-01	s	IC NJU7043RB1(TE2)
IC101	8-759-144-75	s	IC UPC4572G2-E2
IC102	8-759-144-75	s	IC UPC4572G2-E2
IC103	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC104	8-759-144-75	s	IC UPC4572G2-E2
IC105	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC201	8-759-144-75	s	IC UPC4572G2-E2
IC202	8-759-144-75	s	IC UPC4572G2-E2
IC203	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC204	8-759-144-75	s	IC UPC4572G2-E2
IC205	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC401	6-713-118-01	s	IC PCA9554BS-T
IC402	6-713-118-01	s	IC PCA9554BS-T
IC403	6-707-862-01	s	IC TC74VHC05FT(EKJ)
IC404	6-707-862-01	s	IC TC74VHC05FT(EKJ)
L1	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L2	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L3	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L4	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L5	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L6	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L8	1-469-555-21	s	INDUCTOR, CHIP 10UH (LB2016)
Q1	6-552-022-01	s	TR SI4436DY-T1-E3
Q50	6-550-832-01	s	TRANSISTOR SI2301BDS-T1
Q51	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q103	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q104	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q105	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q106	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q107	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q108	6-551-041-01	s	TRANSISTOR RN4904(T5RSONY,D,F)
Q109	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q110	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q111	6-551-041-01	s	TRANSISTOR RN4904(T5RSONY,D,F)
Q203	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q204	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q205	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q206	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q207	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q208	6-551-041-01	s	TRANSISTOR RN4904(T5RSONY,D,F)
Q209	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q210	6-551-294-01	s	TRANSISTOR MCH6606-TL-E
Q211	6-551-041-01	s	TRANSISTOR RN4904(T5RSONY,D,F)
Q301	6-550-981-01	s	TRANSISTOR RN1905(T5RSONY,D,F)
Q302	8-729-112-85	s	TRANSISTOR 2SA1330-T1O6
Q321	6-550-981-01	s	TRANSISTOR RN1905(T5RSONY,D,F)
Q322	8-729-112-85	s	TRANSISTOR 2SA1330-T1O6
R1	1-218-911-91	s	RES, CHIP 470K (1608)
R2	1-218-919-91	s	RES, CHIP 1M (1608)
R3	1-218-606-91	s	RES, METAL FILM (CHIP) 2.2
R4	1-218-823-91	s	RES, CHIP 100 (1608)
R5	1-219-706-21	s	RES, CHIP (SQUARE TYPE) 0.10
R6	1-218-903-91	s	RES, CHIP 220K (1608)
R7	1-218-863-91	s	RES, CHIP 4.7K (1608)
R8	1-218-849-91	s	RES, CHIP 1.2K (1608)
R16	1-211-969-91	s	RES, CHIP 10 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R17	1-218-895-91	s	RES, CHIP 100K (1608)
R18	1-218-919-91	s	RES, CHIP 1M (1608)
R20	1-218-895-91	s	RES, CHIP 100K (1608)
R21	1-218-878-91	s	RES, CHIP 20K (1608)
R22	1-218-895-91	s	RES, CHIP 100K (1608)
R23	1-218-847-91	s	RES, CHIP 1.0K (1608)
R24	1-218-895-91	s	RES, CHIP 100K (1608)
R25	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R50	1-208-935-81	s	RES, CHIP 100K (1005)
R52	1-208-895-81	s	RES, CHIP 2.2K (1005)
R53	1-208-863-81	s	RES, CHIP 100 (1005)
R54	1-208-935-81	s	RES, CHIP 100K (1005)
R55	1-208-911-81	s	RES, CHIP 10K (1005)
R56	1-208-959-81	s	RES, CHIP 1M (1005)
R57	1-208-895-81	s	RES, CHIP 2.2K (1005)
R58	1-208-863-81	s	RES, CHIP 100 (1005)
R59	1-208-927-81	s	RES, CHIP 47K (1005)
R103	1-218-871-91	s	RES, CHIP 10K (1608)
R104	1-218-879-91	s	RES, CHIP 22K (1608)
R105	1-218-871-91	s	RES, CHIP 10K (1608)
R106	1-218-879-91	s	RES, CHIP 22K (1608)
R108	1-208-935-81	s	RES, CHIP 100K (1005)
R109	1-208-935-81	s	RES, CHIP 100K (1005)
R110	1-220-870-81	s	RES, CHIP 10 (1005)
R111	1-208-925-81	s	RES, CHIP 39K (1005)
R112	1-208-925-81	s	RES, CHIP 39K (1005)
R113	1-220-870-81	s	RES, CHIP 10 (1005)
R114	1-208-890-81	s	RES, CHIP 1.3K (1005)
R115	1-208-890-81	s	RES, CHIP 1.3K (1005)
R116	1-208-911-81	s	RES, CHIP 10K (1005)
R117	1-208-911-81	s	RES, CHIP 10K (1005)
R118	1-208-911-81	s	RES, CHIP 10K (1005)
R119	1-208-911-81	s	RES, CHIP 10K (1005)
R120	1-208-911-81	s	RES, CHIP 10K (1005)
R121	1-208-911-81	s	RES, CHIP 10K (1005)
R122	1-208-911-81	s	RES, CHIP 10K (1005)
R123	1-208-911-81	s	RES, CHIP 10K (1005)
R124	1-208-927-81	s	RES, CHIP 47K (1005)
R125	1-208-927-81	s	RES, CHIP 47K (1005)
R126	1-208-903-81	s	RES, CHIP 4.7K (1005)
R127	1-208-935-81	s	RES, CHIP 100K (1005)
R128	1-208-903-81	s	RES, CHIP 4.7K (1005)
R129	1-208-911-81	s	RES, CHIP 10K (1005)
R130	1-208-891-81	s	RES, CHIP 1.5K (1005)
R131	1-208-891-81	s	RES, CHIP 1.5K (1005)
R132	1-208-911-81	s	RES, CHIP 10K (1005)
R133	1-208-943-81	s	RES, CHIP 220K (1005)
R134	1-208-935-81	s	RES, CHIP 100K (1005)
R135	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R136	1-208-903-81	s	RES, CHIP 4.7K (1005)
R137	1-208-903-81	s	RES, CHIP 4.7K (1005)
R138	1-208-911-81	s	RES, CHIP 10K (1005)
R139	1-208-935-81	s	RES, CHIP 100K (1005)
R140	1-208-891-81	s	RES, CHIP 1.5K (1005)
R141	1-208-927-81	s	RES, CHIP 47K (1005)
R142	1-208-935-81	s	RES, CHIP 100K (1005)
R143	1-208-891-81	s	RES, CHIP 1.5K (1005)
R144	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R145	1-218-990-81	s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R146	1-208-911-81	s	RES, CHIP 10K (1005)
R147	1-208-935-81	s	RES, CHIP 100K (1005)
R148	1-208-903-81	s	RES, CHIP 4.7K (1005)
R149	1-208-903-81	s	RES, CHIP 4.7K (1005)
R150	1-208-935-81	s	RES, CHIP 100K (1005)
R151	1-208-935-81	s	RES, CHIP 100K (1005)
R152	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R153	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R154	1-208-887-81	s	RES, CHIP 1.0K (1005)
R155	1-208-887-81	s	RES, CHIP 1.0K (1005)
R156	1-208-935-81	s	RES, CHIP 100K (1005)
R157	1-208-935-81	s	RES, CHIP 100K (1005)
R158	1-208-887-81	s	RES, CHIP 1.0K (1005)
R159	1-208-887-81	s	RES, CHIP 1.0K (1005)
R160	1-208-935-81	s	RES, CHIP 100K (1005)
R161	1-208-935-81	s	RES, CHIP 100K (1005)
R162	1-208-935-81	s	RES, CHIP 100K (1005)
R163	1-208-935-81	s	RES, CHIP 100K (1005)
R164	1-208-935-81	s	RES, CHIP 100K (1005)
R165	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R166	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R203	1-218-871-91	s	RES, CHIP 10K (1608)
R204	1-218-879-91	s	RES, CHIP 22K (1608)
R205	1-218-871-91	s	RES, CHIP 10K (1608)
R206	1-218-879-91	s	RES, CHIP 22K (1608)
R208	1-208-935-81	s	RES, CHIP 100K (1005)
R209	1-208-935-81	s	RES, CHIP 100K (1005)
R210	1-220-870-81	s	RES, CHIP 10 (1005)
R211	1-208-925-81	s	RES, CHIP 39K (1005)
R212	1-208-925-81	s	RES, CHIP 39K (1005)
R213	1-220-870-81	s	RES, CHIP 10 (1005)
R214	1-208-890-81	s	RES, CHIP 1.3K (1005)
R215	1-208-890-81	s	RES, CHIP 1.3K (1005)
R216	1-208-911-81	s	RES, CHIP 10K (1005)
R217	1-208-911-81	s	RES, CHIP 10K (1005)
R218	1-208-911-81	s	RES, CHIP 10K (1005)
R219	1-208-911-81	s	RES, CHIP 10K (1005)
R220	1-208-911-81	s	RES, CHIP 10K (1005)
R221	1-208-911-81	s	RES, CHIP 10K (1005)
R222	1-208-911-81	s	RES, CHIP 10K (1005)
R223	1-208-911-81	s	RES, CHIP 10K (1005)
R224	1-208-927-81	s	RES, CHIP 47K (1005)
R225	1-208-927-81	s	RES, CHIP 47K (1005)
R226	1-208-903-81	s	RES, CHIP 4.7K (1005)
R227	1-208-935-81	s	RES, CHIP 100K (1005)
R228	1-208-903-81	s	RES, CHIP 4.7K (1005)
R229	1-208-911-81	s	RES, CHIP 10K (1005)
R230	1-208-891-81	s	RES, CHIP 1.5K (1005)
R231	1-208-891-81	s	RES, CHIP 1.5K (1005)
R232	1-208-911-81	s	RES, CHIP 10K (1005)
R233	1-208-943-81	s	RES, CHIP 220K (1005)
R234	1-208-935-81	s	RES, CHIP 100K (1005)
R235	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R236	1-208-903-81	s	RES, CHIP 4.7K (1005)
R237	1-208-903-81	s	RES, CHIP 4.7K (1005)
R238	1-208-911-81	s	RES, CHIP 10K (1005)
R239	1-208-935-81	s	RES, CHIP 100K (1005)
R240	1-208-891-81	s	RES, CHIP 1.5K (1005)
R241	1-208-927-81	s	RES, CHIP 47K (1005)

(AU-318 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R242	1-208-935-81	s	RES, CHIP 100K (1005)
R243	1-208-891-81	s	RES, CHIP 1.5K (1005)
R244	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R245	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R246	1-208-911-81	s	RES, CHIP 10K (1005)
R247	1-208-935-81	s	RES, CHIP 100K (1005)
R248	1-208-903-81	s	RES, CHIP 4.7K (1005)
R249	1-208-903-81	s	RES, CHIP 4.7K (1005)
R250	1-208-935-81	s	RES, CHIP 100K (1005)
R251	1-208-935-81	s	RES, CHIP 100K (1005)
R252	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R253	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R254	1-208-887-81	s	RES, CHIP 1.0K (1005)
R255	1-208-887-81	s	RES, CHIP 1.0K (1005)
R256	1-208-935-81	s	RES, CHIP 100K (1005)
R257	1-208-935-81	s	RES, CHIP 100K (1005)
R258	1-208-887-81	s	RES, CHIP 1.0K (1005)
R259	1-208-887-81	s	RES, CHIP 1.0K (1005)
R260	1-208-935-81	s	RES, CHIP 100K (1005)
R261	1-208-935-81	s	RES, CHIP 100K (1005)
R262	1-208-935-81	s	RES, CHIP 100K (1005)
R263	1-208-935-81	s	RES, CHIP 100K (1005)
R264	1-208-935-81	s	RES, CHIP 100K (1005)
R265	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R266	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R267	1-208-935-81	s	RES, CHIP 100K (1005)
R268	1-208-935-81	s	RES, CHIP 100K (1005)
R301	1-208-919-81	s	RES, CHIP 22K (1005)
R302	1-208-911-81	s	RES, CHIP 10K (1005)
R303	1-208-935-81	s	RES, CHIP 100K (1005)
R304	1-208-943-81	s	RES, CHIP 220K (1005)
R321	1-208-919-81	s	RES, CHIP 22K (1005)
R322	1-208-911-81	s	RES, CHIP 10K (1005)
R323	1-208-935-81	s	RES, CHIP 100K (1005)
R324	1-208-943-81	s	RES, CHIP 220K (1005)
R401	1-208-903-81	s	RES, CHIP 4.7K (1005)
R402	1-208-863-81	s	RES, CHIP 100 (1005)
R403	1-208-863-81	s	RES, CHIP 100 (1005)
R404	1-208-863-81	s	RES, CHIP 100 (1005)
R405	1-208-863-81	s	RES, CHIP 100 (1005)
R406	1-208-863-81	s	RES, CHIP 100 (1005)
R409	1-208-927-81	s	RES, CHIP 47K (1005)
RB401	1-233-578-21	s	RES, CHIP NETWORK 47K (3216)
RB402	1-233-578-21	s	RES, CHIP NETWORK 47K (3216)
X50	1-781-696-31	s	VIBRATOR, CRYSTAL (32.768 KHz)

AXM-36 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-701-A	s	MOUNTED CIRCUIT BOARD, AXM-36
C1	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C2	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C3	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C5	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C6	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C7	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C8	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
CN1	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN2	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN3	1-785-840-31	s	CONNECTOR, FFC/FPC(ZIF) AN 15P
D1	6-502-153-01	o	DI MAZT082HG8S0
D2	6-502-153-01	o	DI MAZT082HG8S0
L1	1-428-965-11	s	COIL, CHOKE (SMD)
L2	1-428-965-11	s	COIL, CHOKE (SMD)
R1	1-208-871-81	s	RES, CHIP 220 (1005)
R2	1-208-871-81	s	RES, CHIP 220 (1005)
R3	1-208-871-81	s	RES, CHIP 220 (1005)
R4	1-208-871-81	s	RES, CHIP 220 (1005)
S1	1-692-605-31	s	SWITCH, SLIDE
S2	1-692-605-31	s	SWITCH, SLIDE

BI-202 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C2	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C3	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C4	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C5	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C6	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C7	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C8	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C15	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C17	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C19	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C20	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C21	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C22	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C23	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C24	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C25	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C26	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C27	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C28	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C31	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C32	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C33	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C36	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C37	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C38	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C39	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C40	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C43	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
FL1	1-234-493-21	s	FILTER, EMI
FL2	1-234-493-21	s	FILTER, EMI
FL3	1-234-493-21	s	FILTER, EMI
FL4	1-234-493-21	s	FILTER, EMI
FL5	1-234-493-21	s	FILTER, EMI
FL6	1-234-493-21	s	FILTER, EMI
FL7	1-234-493-21	s	FILTER, EMI
R1	1-220-870-81	s	RES, CHIP 10 (1005)
R4	1-220-870-81	s	RES, CHIP 10 (1005)
R6	1-208-911-81	s	RES, CHIP 10K (1005)
R7	1-220-870-81	s	RES, CHIP 10 (1005)
R8	1-220-870-81	s	RES, CHIP 10 (1005)
R9	1-220-870-81	s	RES, CHIP 10 (1005)
R10	1-220-870-81	s	RES, CHIP 10 (1005)
R11	1-220-870-81	s	RES, CHIP 10 (1005)
R12	1-220-870-81	s	RES, CHIP 10 (1005)
R13	1-220-870-81	s	RES, CHIP 10 (1005)
R16	1-220-870-81	s	RES, CHIP 10 (1005)
R18	1-208-923-81	s	RES, CHIP 33K (1005)

(BI-202 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-208-911-81	s	RES, CHIP 10K (1005)
R24	1-208-911-81	s	RES, CHIP 10K (1005)
R25	1-208-891-81	s	RES, CHIP 1.5K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)

BI-203 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C2	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C3	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C4	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C5	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C6	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C7	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C8	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C15	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C17	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C19	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C20	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C21	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C22	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C23	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C24	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C25	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C26	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C27	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C28	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C31	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C32	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C33	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C36	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C37	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C38	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C39	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C40	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C41	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C43	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
FL1	1-234-493-21	s	FILTER, EMI
FL2	1-234-493-21	s	FILTER, EMI
FL3	1-234-493-21	s	FILTER, EMI
FL4	1-234-493-21	s	FILTER, EMI
FL5	1-234-493-21	s	FILTER, EMI
FL6	1-234-493-21	s	FILTER, EMI
FL7	1-234-493-21	s	FILTER, EMI
IC3	8-759-544-17	s	IC LM75CIMMX-3 NOPB
R1	1-220-870-81	s	RES, CHIP 10 (1005)
R4	1-220-870-81	s	RES, CHIP 10 (1005)
R6	1-208-911-81	s	RES, CHIP 10K (1005)
R7	1-220-870-81	s	RES, CHIP 10 (1005)
R8	1-220-870-81	s	RES, CHIP 10 (1005)
R9	1-220-870-81	s	RES, CHIP 10 (1005)
R10	1-220-870-81	s	RES, CHIP 10 (1005)
R11	1-220-870-81	s	RES, CHIP 10 (1005)
R12	1-220-870-81	s	RES, CHIP 10 (1005)
R13	1-220-870-81	s	RES, CHIP 10 (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R16	1-220-870-81	s	RES, CHIP 10 (1005)
R18	1-208-923-81	s	RES, CHIP 33K (1005)
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-208-911-81	s	RES, CHIP 10K (1005)
R24	1-208-911-81	s	RES, CHIP 10K (1005)
R25	1-208-891-81	s	RES, CHIP 1.5K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)
R35	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R36	1-218-990-81	s	CONDUCTOR, CHIP (1005)

BI-204 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C2	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C3	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C4	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C5	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C6	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C7	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C8	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C9	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C10	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C15	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C17	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C19	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C20	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C21	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C22	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C23	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C24	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C25	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C26	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C27	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C28	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C31	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C32	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C33	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C36	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C37	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C38	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C39	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C40	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C43	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
FL1	1-234-493-21	s	FILTER, EMI
FL2	1-234-493-21	s	FILTER, EMI
FL3	1-234-493-21	s	FILTER, EMI
FL4	1-234-493-21	s	FILTER, EMI
FL5	1-234-493-21	s	FILTER, EMI
FL6	1-234-493-21	s	FILTER, EMI
FL7	1-234-493-21	s	FILTER, EMI
R1	1-220-870-81	s	RES, CHIP 10 (1005)
R4	1-220-870-81	s	RES, CHIP 10 (1005)
R6	1-208-911-81	s	RES, CHIP 10K (1005)
R7	1-220-870-81	s	RES, CHIP 10 (1005)
R8	1-220-870-81	s	RES, CHIP 10 (1005)
R9	1-220-870-81	s	RES, CHIP 10 (1005)
R10	1-220-870-81	s	RES, CHIP 10 (1005)
R11	1-220-870-81	s	RES, CHIP 10 (1005)
R12	1-220-870-81	s	RES, CHIP 10 (1005)
R13	1-220-870-81	s	RES, CHIP 10 (1005)
R16	1-220-870-81	s	RES, CHIP 10 (1005)
R18	1-208-923-81	s	RES, CHIP 33K (1005)

(BI-204 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R21	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-208-911-81	s	RES, CHIP 10K (1005)
R24	1-208-911-81	s	RES, CHIP 10K (1005)
R25	1-208-891-81	s	RES, CHIP 1.5K (1005)
R32	1-208-911-81	s	RES, CHIP 10K (1005)

BP-42 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-691-A	s	MOUNTED CIRCUIT BOARD, BP-42
BT1	1-756-076-21	s	HOLDER, LITHIUM BATTERY
CN1	1-794-376-21	s	PIN, CONNECTOR 4P
R1	1-218-843-91	s	RES, CHIP 680 (1608)

CN-3022 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-716-A	s	MOUNTED CIRCUIT BOARD, CN-3022

CN-3023 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-717-A	s	MOUNTED CIRCUIT BOARD, CN-3023

CN-3024 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-703-A	s	MOUNTED CIRCUIT BOARD, CN-3024
CN2	1-766-696-11	o	CONNECTOR, ROUND TYPE 8P
CN6	1-817-871-21	s	PIN, CONNECTOR 15P
D1	8-719-046-86	s	DIODE F1J6TP
FB1	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB2	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB3	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB4	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB5	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB6	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB7	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB8	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB9	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FL1	1-234-859-11	s	FILTER, EMI REMOVAL
FL2	1-234-859-11	s	FILTER, EMI REMOVAL
PS1	1-576-124-21	s	LINK, IC (1A/72V)
R1	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R2	1-208-860-81	s	RES, CHIP 75 (1005)
VDR1	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR2	1-801-925-21	s	VARISTOR, CHIP (1608)
VDR3	1-803-974-21	s	VARISTOR, CHIP (1608)

CN-3050 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-704-A	s	MOUNTED CIRCUIT BOARD, CN-3050
CN1	1-580-789-21	s	PIN, CONNECTOR (SMD) 6P
CN3	1-794-276-21	o	CONNECTOR, SQUARE TYPE 4P
D1	6-500-750-01	s	DIODE NSAD500H-T1-A
L1	1-400-476-11	s	COMMON MODE CHOKE COIL
R1	1-218-990-81	s	CONDUCTOR, CHIP (1005)
THP1	1-805-726-11	s	THERMISTOR, POSITIVE
THP2	1-805-726-11	s	THERMISTOR, POSITIVE
THP3	1-805-726-11	s	THERMISTOR, POSITIVE
THP4	1-805-726-11	s	THERMISTOR, POSITIVE

CT-251 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-705-A	s	MOUNTED CIRCUIT BOARD, CT-251
C1	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C2	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C3	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN1	1-770-627-21	s	PIN, CONNECTOR 10P
D1	8-719-820-42	s	DIODE 1SS302-TE85L
D2	8-719-820-42	s	DIODE 1SS302-TE85L
D3	8-719-820-42	s	DIODE 1SS302-TE85L
D4	8-719-820-42	s	DIODE 1SS302-TE85L
D5	6-502-153-01	o	DI MAZT082HG8S0
D6	8-719-820-42	s	DIODE 1SS302-TE85L
R1	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RV1	1-241-197-11	s	RES, VAR, CARBON 10K
RV2	1-241-197-11	s	RES, VAR, CARBON 10K
RV3	1-241-197-11	s	RES, VAR, CARBON 10K
S1	1-786-157-51	s	TACTILE SWITCH
S2	1-786-157-51	s	TACTILE SWITCH
S3	1-762-650-21	s	SWITCH, SLIDE

DC-146 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-792-A	s	MOUNTED CIRCUIT BOARD, DC-146
C1	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C2	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C3	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
CN1	1-794-509-21	s	PIN, CONNECTOR (PC BOARD) (3P)
CN2	1-793-459-11	s	JACK,DC(POLARITY UNIFIED TYPE)
FB1	1-400-580-21	s	FERRITE, EMI (SMD)
FB2	1-400-580-21	s	FERRITE, EMI (SMD)
FB3	1-400-580-21	s	FERRITE, EMI (SMD)
FB4	1-400-580-21	s	FERRITE, EMI (SMD)
FB5	1-400-580-21	s	FERRITE, EMI (SMD)

DPR-289A BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1555-158-A	s	MOUNTED CIRCUIT BOARD, DPR-289A
1pc	6-708-820-01	s	IC S29PL032J60BFI120
C100	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C102	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C103	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C104	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C105	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C106	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C107	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C108	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C110	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C111	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C112	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C113	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C114	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C115	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C117	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C118	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C119	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C120	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C121	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C125	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C200	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C201	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C202	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C203	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C204	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C205	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C206	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C207	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C208	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C209	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C210	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C211	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C212	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C213	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C214	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C215	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C216	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C217	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C219	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C222	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C223	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C224	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C225	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C226	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C227	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C228	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C229	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C230	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C231	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C232	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C233	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C234	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C235	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C236	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C237	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C238	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

Ref. No. or Q'ty	Part No.	SP	Description
C239	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C240	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C241	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C242	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C243	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C244	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C245	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C246	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C301	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C306	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C307	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C308	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C309	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C311	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C313	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C314	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C315	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C316	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C317	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C318	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C319	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C320	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C321	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C322	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C323	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C324	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C325	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C326	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C327	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C328	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C329	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C330	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C331	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C332	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C333	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C334	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C335	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C336	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C337	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C338	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C339	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C340	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C341	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C342	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C343	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C344	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C345	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C346	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C347	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C348	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C349	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C350	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C351	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C353	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C354	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C355	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C356	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C357	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C358	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
C359	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C361	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C363	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C364	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C365	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C366	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C367	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C368	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C400	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C401	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C406	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C408	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C409	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C410	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C411	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C412	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C413	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C414	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C415	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C416	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C500	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C502	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C503	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C504	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C505	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C506	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C507	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C510	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C511	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C518	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C521	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C522	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C523	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C524	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C525	1-128-608-91	s	CAP, CERAMIC 22PF CH (0603)
C527	1-128-608-91	s	CAP, CERAMIC 22PF CH (0603)
C529	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C530	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C541	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C542	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C549	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C550	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C551	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C552	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C553	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C554	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C555	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C556	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C557	1-127-995-91	s	CAP, CERAMIC 5PF CH (0603)
C558	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C559	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C560	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C561	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C562	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C563	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C564	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C565	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C566	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C567	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
C568	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C569	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C570	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C571	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C572	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C573	1-128-623-91	s	CAP, CERAMIC 220PF B (0603)
C574	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C575	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C577	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C578	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C582	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C583	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C584	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C600	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C604	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C605	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C606	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C607	1-100-670-91	s	CAP, CERAMIC 4.7MF C (2012)
C608	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C609	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C610	1-128-623-91	s	CAP, CERAMIC 220PF B (0603)
C611	1-100-965-91	s	CAP, CERAMIC 0.047MF B (0603
C612	1-112-560-91	s	CAP, CERAMIC 0.022MF B (0603)
C614	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C615	1-128-630-91	s	CAP, CERAMIC 4700PF B (0603)
C616	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C623	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C625	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C626	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C627	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C628	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C629	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C630	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C631	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C632	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C701	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C702	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C703	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C704	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C705	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C706	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C707	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C708	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C709	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C710	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C711	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C712	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C713	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C714	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C715	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C716	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C717	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C718	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C719	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C720	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C721	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C722	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C723	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C724	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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C725	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C726	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C727	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C728	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C729	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C731	1-100-436-91	s	CAP, CERAMIC 33000PF B (1608)
C732	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C733	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C734	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C736	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C737	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C738	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C739	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C740	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C741	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C742	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C743	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C745	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C746	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C747	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C748	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C749	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C750	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C751	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C752	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C753	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C754	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C755	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C756	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C757	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C758	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C759	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C760	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C761	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C762	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C763	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C764	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C765	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C766	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C767	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C768	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C769	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C770	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C771	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C772	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C773	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C775	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C778	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C779	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C780	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C781	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C782	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C783	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C784	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C785	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C800	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C801	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C802	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C803	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)

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C804	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C809	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C810	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C811	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C812	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C813	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C814	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C816	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C818	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C820	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C824	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C825	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C827	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C829	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C830	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C833	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C835	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C836	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C900	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C901	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C902	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C903	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C904	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C914	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C915	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C916	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C917	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C926	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C927	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C928	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C929	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C930	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C931	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C932	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C933	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C934	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C935	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C936	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C937	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C938	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C939	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C940	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C941	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C951	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C952	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C953	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C954	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C955	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C956	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C957	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C958	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C960	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C961	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C962	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C963	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C964	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C965	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C966	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C967	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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C968	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C1000	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1001	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1002	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1003	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1004	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1005	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1006	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1007	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1008	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1009	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1010	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1011	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1012	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1013	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1014	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1015	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1016	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1017	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1018	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1019	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1020	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1021	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1022	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1023	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1024	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1025	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1026	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1027	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1028	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1029	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1030	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1031	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1032	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1033	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1034	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1035	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1036	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1037	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1038	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1039	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1040	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1041	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1042	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1043	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1044	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1045	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1046	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1047	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1048	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1049	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1050	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1051	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1100	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1102	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1103	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1105	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1106	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1107	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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C1108	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1109	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1110	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1111	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1112	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1115	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1116	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1117	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1200	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1201	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1202	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1203	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1204	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1205	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1207	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1208	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1209	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1210	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1211	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1212	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1213	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1214	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1216	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1217	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1218	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1224	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1225	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1226	1-128-623-91	s	CAP, CERAMIC 220PF B (0603)
C1228	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1229	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1230	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1300	1-128-605-91	s	CAP, CERAMIC 12PF CH (0603)
C1301	1-128-605-91	s	CAP, CERAMIC 12PF CH (0603)
C1302	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1303	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1304	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1305	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1306	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1307	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1308	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1309	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1310	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1311	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1312	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1313	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1314	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1315	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1316	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1317	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1318	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1325	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1326	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1327	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1328	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1329	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1330	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1331	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1333	1-165-646-91	s	CAP, CERAMIC 3.3MF B (2012)
C1334	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)

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C1335	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1336	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1337	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1338	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1339	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1401	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1403	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1404	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1405	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1406	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1407	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1500	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1501	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1502	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1503	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1504	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1505	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1506	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1507	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1508	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1509	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1510	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1511	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1512	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1513	1-114-570-11	s	CAP, CERAMIC 0.068MF X7R 1608
C1514	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1515	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1516	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1517	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1518	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1519	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1520	1-114-570-11	s	CAP, CERAMIC 0.068MF X7R 1608
C1521	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1522	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1523	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1524	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1525	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1526	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1527	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1528	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1529	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1530	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1531	1-114-570-11	s	CAP, CERAMIC 0.068MF X7R 1608
C1532	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1533	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1534	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1535	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1536	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1537	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1538	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1539	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1540	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1541	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1542	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1543	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1544	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1545	1-128-627-91	s	CAP, CERAMIC 1000PF B (0603)
C1546	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1547	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
C1548	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1549	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1550	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1551	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1553	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1555	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1556	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1557	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1558	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1559	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1560	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1561	1-128-623-91	s	CAP, CERAMIC 220PF B (0603)
C1562	1-128-617-91	s	CAP, CERAMIC 100PF CH (0603)
C1563	1-128-623-91	s	CAP, CERAMIC 220PF B (0603)
C1564	1-100-965-91	s	CAP, CERAMIC 0.047MF B (0603
C1565	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1566	1-100-965-91	s	CAP, CERAMIC 0.047MF B (0603
C1567	1-112-560-91	s	CAP, CERAMIC 0.022MF B (0603)
C1568	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1569	1-112-560-91	s	CAP, CERAMIC 0.022MF B (0603)
C1571	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1572	1-112-180-21	s	CAP, ALUMINIUM ELECT 150MF
C1573	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1574	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1575	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1576	1-128-630-91	s	CAP, CERAMIC 4700PF B (0603)
C1578	1-128-630-91	s	CAP, CERAMIC 4700PF B (0603)
C1579	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1580	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1581	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1582	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1583	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1584	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1585	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1586	1-128-617-91	s	CAP, CERAMIC 100PF CH (0603)
C1587	1-112-197-91	s	CAP, CERAMIC 10PF CH (0603)
C1588	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1589	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C1590	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1591	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1592	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1593	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1594	1-114-570-11	s	CAP, CERAMIC 0.068MF X7R 1608
C1595	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1596	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1597	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
C1598	1-114-570-11	s	CAP, CERAMIC 0.068MF X7R 1608
C1599	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1601	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1604	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1608	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1609	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1610	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1611	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1612	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1613	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1614	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1615	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1616	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
C1617	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1618	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1619	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1620	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1629	1-114-166-91	s	CAP, CERAMIC 0.01MF B (0603)
C1630	1-100-965-91	s	CAP, CERAMIC 0.047MF B (0603
C1631	1-100-965-91	s	CAP, CERAMIC 0.047MF B (0603
C1632	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1638	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1639	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1644	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1646	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1647	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1649	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1650	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1651	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1652	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1653	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1654	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1655	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1657	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1659	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1661	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1669	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1670	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1671	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1672	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1673	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1701	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1702	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1800	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C1801	1-112-716-91	s	CAP, CERAMIC 0.1UF B (0603)
C3501	1-114-569-11	s	CAP, CERAMIC 0.01MF X7R 1608
CN400	1-820-560-21	s	CONNECTOR, COAXIAL(RECEPTACLE)
CN401	1-817-871-21	s	PIN, CONNECTOR 15P
CN402	1-820-560-21	s	CONNECTOR, COAXIAL(RECEPTACLE)
CN601	1-820-560-21	s	CONNECTOR, COAXIAL(RECEPTACLE)
CN1804	1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P
CN1805	1-817-820-11	s	CONNECTOR, BOARD TO BOARD 30P
D301	8-719-991-01	s	DIODE DAP222-TL
D600	8-719-069-28	s	DIODE 1SS400TE-61
D1500	8-719-069-28	s	DIODE 1SS400TE-61
D1501	8-719-069-28	s	DIODE 1SS400TE-61
D1502	8-719-069-28	s	DIODE 1SS400TE-61
D1601	8-719-056-48	s	DIODE 1SS388(TPL3)
FB100	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB101	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB102	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB103	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB104	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB105	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB106	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB107	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB108	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB109	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB110	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB111	1-400-462-21	s	FERRITE, EMI (SMD) (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
FB112	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB113	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB114	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB115	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB116	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB117	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB118	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB119	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB120	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB121	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB122	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB123	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB124	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB125	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB126	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB200	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB201	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB202	1-400-580-21	s	FERRITE, EMI (SMD)
FB203	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB304	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB305	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB312	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB314	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB315	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB316	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB400	1-400-580-21	s	FERRITE, EMI (SMD)
FB401	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB402	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB403	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB404	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB406	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB408	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB409	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB410	1-400-580-21	s	FERRITE, EMI (SMD)
FB411	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB501	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB502	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB503	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB504	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB600	1-400-580-21	s	FERRITE, EMI (SMD)
FB601	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB602	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB700	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB701	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB702	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB703	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB704	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB705	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB710	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB711	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB712	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB713	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB714	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB715	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB716	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB900	1-400-580-21	s	FERRITE, EMI (SMD)
FB901	1-400-580-21	s	FERRITE, EMI (SMD)
FB902	1-400-580-21	s	FERRITE, EMI (SMD)
FB903	1-400-580-21	s	FERRITE, EMI (SMD)

Ref. No. or Q'ty	Part No.	SP	Description
FB1000	1-400-580-21	s	FERRITE, EMI (SMD)
FB1100	1-400-580-21	s	FERRITE, EMI (SMD)
FB1200	1-400-580-21	s	FERRITE, EMI (SMD)
FB1300	1-400-580-21	s	FERRITE, EMI (SMD)
FB1302	1-400-580-21	s	FERRITE, EMI (SMD)
FB1303	1-400-580-21	s	FERRITE, EMI (SMD)
FB1304	1-400-580-21	s	FERRITE, EMI (SMD)
FB1305	1-400-580-21	s	FERRITE, EMI (SMD)
FB1306	1-400-580-21	s	FERRITE, EMI (SMD)
FB1307	1-400-580-21	s	FERRITE, EMI (SMD)
FB1308	1-400-580-21	s	FERRITE, EMI (SMD)
FB1402	1-400-580-21	s	FERRITE, EMI (SMD)
FB1403	1-400-580-21	s	FERRITE, EMI (SMD)
FB1501	1-400-580-21	s	FERRITE, EMI (SMD)
FB1600	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1605	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1606	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1807	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1808	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1809	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1810	1-400-580-21	s	FERRITE, EMI (SMD)
FB1811	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1812	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1813	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1814	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1815	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1816	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1817	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1818	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1819	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1820	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1821	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1822	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1823	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1824	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
IC102	6-703-848-01	s	IC SN74CB3T3306DCUR
IC103	6-703-977-01	s	IC R1114Q331D-TR-FA
IC104	6-703-977-01	s	IC R1114Q331D-TR-FA
IC105	6-703-977-01	s	IC R1114Q331D-TR-FA
IC302	6-706-476-01	s	IC TC7SET04FU(T5RSOJF)
IC303	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC304	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC306	6-700-599-01	s	IC TC7SA08FU(TE85R)
IC307	6-706-481-01	s	IC TC7SET32FU(T5RSOJF)
IC308	6-706-481-01	s	IC TC7SET32FU(T5RSOJF)
IC314	8-753-235-21	s	IC CXD3175BGG-T6
IC316	8-759-488-34	s	IC TLV2221CDBV
IC317	8-759-569-92	s	IC NJM2370U09-TE2
IC322	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC401	8-759-462-09	s	IC TLV431AIDBVR
IC500	8-759-672-76	s	IC AK9813BF-E2
IC501	6-703-858-01	s	IC NJU7042F(TE1)
IC502	6-703-879-01	s	IC NJU7043RB1(TE2)
IC503	8-759-564-49	s	IC TC7W53FU(TE12R)
IC505	8-759-592-50	s	IC TC7SZ126FU(TE85R)
IC510	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC511	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC512	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC513	8-759-561-46	s	IC AD8014ARTZ-REEL7

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Ref. No. or Q'ty	Part No.	SP	Description
IC514	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC515	8-759-561-46	s	IC AD8014ARTZ-REEL7
IC516	8-759-462-09	s	IC TLV431AIDBVR
IC517	8-759-462-09	s	IC TLV431AIDBVR
IC521	6-709-646-01	s	IC TLC2933AIPWR
IC522	6-703-977-01	s	IC R1114Q331D-TR-FA
IC600	6-702-481-01	s	IC PCA9555DB-118
IC602	6-703-721-01	s	IC TPS54310PWPR
IC606	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC607	6-708-903-01	s	IC K4M56163LG-BN75T
IC609	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC610	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC700	6-711-650-01	s	IC HY5MS7B2BLFP-6EDR-C
IC701	6-711-650-01	s	IC HY5MS7B2BLFP-6EDR-C
IC901	8-753-276-37	o	IC CXD3195AGG-T6
IC902	6-710-306-01	o	IC HYE18M256320CFX-7.5
IC1000	6-710-299-01	s	IC NT5TU64M16BM-37B
IC1001	6-710-299-01	s	IC NT5TU64M16BM-37B
IC1101	6-702-628-01	s	IC UPD720122F1-DN2-E2-A
IC1102	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1200	6-711-632-01	s	IC UPD72873AGC-YEB-A
IC1402	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1500	6-703-721-01	s	IC TPS54310PWPR
IC1502	6-703-721-01	s	IC TPS54310PWPR
IC1503	6-706-220-01	s	IC LTC3411EMS#TR
IC1504	6-706-220-01	s	IC LTC3411EMS#TR
IC1600	8-753-235-21	s	IC CXD3175BGG-T6
IC1601	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1604	6-708-857-01	o	IC K4M28163LH-BN75T
IC1703	6-710-121-01	s	IC M24256-BWMN6TP(A)
IC1801	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1802	8-759-592-49	s	IC TC7SZ125FU(TE85R)
L402	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L404	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L405	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L406	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L506	1-412-947-21	s	INDUCTOR 4.7UH (2520)
L507	1-412-947-21	s	INDUCTOR 4.7UH (2520)
L508	1-412-947-21	s	INDUCTOR 4.7UH (2520)
L509	1-412-943-21	s	INDUCTOR 2.2UH (2520)
L510	1-412-943-21	s	INDUCTOR 2.2UH (2520)
L511	1-412-943-21	s	INDUCTOR 2.2UH (2520)
L600	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L601	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L602	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L603	1-400-489-11	s	COIL, CHOKE 10UH
L604	1-456-622-21	s	COIL, CHOKE 1UH
L800	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L801	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L802	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L900	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L901	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L902	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1000	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L1500	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L1501	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L1502	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L1503	1-414-400-41	s	INDUCTOR (SMD) 22.0UH

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Ref. No. or Q'ty	Part No.	SP	Description
L1504	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L1505	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L1506	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L1507	1-400-281-11	s	COIL, CHOKE 10UH
L1509	1-400-489-11	s	COIL, CHOKE 10UH
L1510	1-456-622-21	s	COIL, CHOKE 1UH
L1511	1-456-622-21	s	COIL, CHOKE 1UH
L1513	1-456-622-21	s	COIL, CHOKE 1UH
L1514	1-457-339-12	s	COIL, CHOKE 2.0UH
L1515	1-457-339-12	s	COIL, CHOKE 2.0UH
L1516	1-456-622-21	s	COIL, CHOKE 1UH
Q301	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q303	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q500	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q501	6-550-239-01	s	TRANSISTOR DTA144EMFS6T2L
Q502	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q503	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q504	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q505	6-550-239-01	s	TRANSISTOR DTA144EMFS6T2L
Q506	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q507	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q512	6-550-981-01	s	TRANSISTOR RN1905(T5RSONY,D,F)
Q514	6-550-239-01	s	TRANSISTOR DTA144EMFS6T2L
Q515	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q516	6-550-239-01	s	TRANSISTOR DTA144EMFS6T2L
Q601	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q602	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q603	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q604	6-551-266-01	s	TRANSISTOR SI2304BDS-T1
Q605	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q606	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q607	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q608	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1100	6-550-832-01	s	TRANSISTOR SI2301BDS-T1
Q1500	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q1501	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q1502	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q1503	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1504	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1505	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1506	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1507	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1508	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1509	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1510	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1511	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1512	6-550-239-01	s	TRANSISTOR DTA144EMFS6T2L
Q1600	6-550-980-01	s	TRANSISTOR RN1904(T5RSONY,D,F)
R100	1-240-676-91	s	RES, CHIP 22 (0603)
R101	1-240-676-91	s	RES, CHIP 22 (0603)
R102	1-240-676-91	s	RES, CHIP 22 (0603)
R103	1-240-676-91	s	RES, CHIP 22 (0603)
R104	1-240-676-91	s	RES, CHIP 22 (0603)
R105	1-240-676-91	s	RES, CHIP 22 (0603)
R106	1-240-676-91	s	RES, CHIP 22 (0603)
R107	1-240-676-91	s	RES, CHIP 22 (0603)
R108	1-240-676-91	s	RES, CHIP 22 (0603)
R109	1-240-676-91	s	RES, CHIP 22 (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R110	1-240-676-91	s	RES, CHIP 22 (0603)
R111	1-240-676-91	s	RES, CHIP 22 (0603)
R112	1-240-676-91	s	RES, CHIP 22 (0603)
R117	1-240-676-91	s	RES, CHIP 22 (0603)
R118	1-240-676-91	s	RES, CHIP 22 (0603)
R121	1-240-707-91	s	RES, CHIP 10K (0603)
R122	1-240-707-91	s	RES, CHIP 10K (0603)
R126	1-240-707-91	s	RES, CHIP 10K (0603)
R127	1-240-707-91	s	RES, CHIP 10K (0603)
R201	1-240-707-91	s	RES, CHIP 10K (0603)
R203	1-240-707-91	s	RES, CHIP 10K (0603)
R204	1-240-707-91	s	RES, CHIP 10K (0603)
R205	1-240-707-91	s	RES, CHIP 10K (0603)
R206	1-240-707-91	s	RES, CHIP 10K (0603)
R207	1-240-707-91	s	RES, CHIP 10K (0603)
R208	1-694-535-91	s	CONDCTOR, CHIP (0603)
R209	1-240-678-91	s	RES, CHIP 33 (0603)
R210	1-240-678-91	s	RES, CHIP 33 (0603)
R211	1-240-678-91	s	RES, CHIP 33 (0603)
R212	1-240-678-91	s	RES, CHIP 33 (0603)
R213	1-240-678-91	s	RES, CHIP 33 (0603)
R300	1-240-683-91	s	RES, CHIP 100 (0603)
R301	1-240-683-91	s	RES, CHIP 100 (0603)
R302	1-240-683-91	s	RES, CHIP 100 (0603)
R303	1-240-683-91	s	RES, CHIP 100 (0603)
R304	1-240-683-91	s	RES, CHIP 100 (0603)
R305	1-240-683-91	s	RES, CHIP 100 (0603)
R306	1-240-683-91	s	RES, CHIP 100 (0603)
R307	1-240-683-91	s	RES, CHIP 100 (0603)
R308	1-240-683-91	s	RES, CHIP 100 (0603)
R309	1-240-714-91	s	RES, CHIP 47K (0603)
R310	1-240-714-91	s	RES, CHIP 47K (0603)
R313	1-240-683-91	s	RES, CHIP 100 (0603)
R314	1-245-581-91	s	RES, CHIP 1M (0603)
R316	1-240-672-91	s	RES, CHIP 10 (0603)
R317	1-240-683-91	s	RES, CHIP 100 (0603)
R318	1-240-800-91	s	RES, CHIP 4.7K (0603)
R323	1-240-808-91	s	RES, CHIP 10K (0603)
R324	1-240-816-91	s	RES, CHIP 22K (0603)
R325	1-240-810-91	s	RES, CHIP 12K (0603)
R334	1-240-718-91	s	RES, CHIP 100K (0603)
R337	1-240-695-91	s	RES, CHIP 1K (0603)
R340	1-240-683-91	s	RES, CHIP 100 (0603)
R341	1-240-816-91	s	RES, CHIP 22K (0603)
R342	1-240-718-91	s	RES, CHIP 100K (0603)
R343	1-240-830-91	s	RES, CHIP 100K (0603)
R344	1-240-830-91	s	RES, CHIP 100K (0603)
R345	1-240-714-91	s	RES, CHIP 47K (0603)
R346	1-240-810-91	s	RES, CHIP 12K (0603)
R348	1-240-830-91	s	RES, CHIP 100K (0603)
R349	1-240-800-91	s	RES, CHIP 4.7K (0603)
R350	1-240-830-91	s	RES, CHIP 100K (0603)
R351	1-240-800-91	s	RES, CHIP 4.7K (0603)
R354	1-245-581-91	s	RES, CHIP 1M (0603)
R355	1-245-581-91	s	RES, CHIP 1M (0603)
R356	1-240-683-91	s	RES, CHIP 100 (0603)
R357	1-240-683-91	s	RES, CHIP 100 (0603)
R358	1-240-695-91	s	RES, CHIP 1K (0603)
R360	1-240-676-91	s	RES, CHIP 22 (0603)

Ref. No. or Q'ty	Part No.	SP	Description
R361	1-240-676-91	s	RES, CHIP 22 (0603)
R362	1-240-676-91	s	RES, CHIP 22 (0603)
R363	1-240-676-91	s	RES, CHIP 22 (0603)
R364	1-240-676-91	s	RES, CHIP 22 (0603)
R365	1-240-676-91	s	RES, CHIP 22 (0603)
R366	1-240-676-91	s	RES, CHIP 22 (0603)
R367	1-240-676-91	s	RES, CHIP 22 (0603)
R368	1-240-676-91	s	RES, CHIP 22 (0603)
R370	1-240-676-91	s	RES, CHIP 22 (0603)
R371	1-240-676-91	s	RES, CHIP 22 (0603)
R372	1-240-676-91	s	RES, CHIP 22 (0603)
R373	1-240-676-91	s	RES, CHIP 22 (0603)
R374	1-240-676-91	s	RES, CHIP 22 (0603)
R375	1-240-676-91	s	RES, CHIP 22 (0603)
R376	1-240-676-91	s	RES, CHIP 22 (0603)
R377	1-240-676-91	s	RES, CHIP 22 (0603)
R378	1-240-676-91	s	RES, CHIP 22 (0603)
R379	1-240-676-91	s	RES, CHIP 22 (0603)
R384	1-240-707-91	s	RES, CHIP 10K (0603)
R385	1-240-707-91	s	RES, CHIP 10K (0603)
R386	1-240-707-91	s	RES, CHIP 10K (0603)
R387	1-240-707-91	s	RES, CHIP 10K (0603)
R388	1-240-718-91	s	RES, CHIP 100K (0603)
R389	1-240-718-91	s	RES, CHIP 100K (0603)
R390	1-240-695-91	s	RES, CHIP 1K (0603)
R391	1-240-707-91	s	RES, CHIP 10K (0603)
R392	1-240-679-91	s	RES, CHIP 47 (0603)
R393	1-240-714-91	s	RES, CHIP 47K (0603)
R394	1-240-707-91	s	RES, CHIP 10K (0603)
R400	1-240-695-91	s	RES, CHIP 1K (0603)
R401	1-240-695-91	s	RES, CHIP 1K (0603)
R402	1-240-676-91	s	RES, CHIP 22 (0603)
R403	1-240-676-91	s	RES, CHIP 22 (0603)
R404	1-240-676-91	s	RES, CHIP 22 (0603)
R405	1-240-676-91	s	RES, CHIP 22 (0603)
R407	1-240-676-91	s	RES, CHIP 22 (0603)
R408	1-240-676-91	s	RES, CHIP 22 (0603)
R409	1-240-676-91	s	RES, CHIP 22 (0603)
R411	1-240-714-91	s	RES, CHIP 47K (0603)
R412	1-240-714-91	s	RES, CHIP 47K (0603)
R413	1-240-714-91	s	RES, CHIP 47K (0603)
R414	1-240-714-91	s	RES, CHIP 47K (0603)
R421	1-240-676-91	s	RES, CHIP 22 (0603)
R422	1-240-676-91	s	RES, CHIP 22 (0603)
R423	1-240-676-91	s	RES, CHIP 22 (0603)
R424	1-240-676-91	s	RES, CHIP 22 (0603)
R426	1-240-676-91	s	RES, CHIP 22 (0603)
R427	1-240-794-91	s	RES, CHIP 2.7K (0603)
R428	1-240-676-91	s	RES, CHIP 22 (0603)
R429	1-240-676-91	s	RES, CHIP 22 (0603)
R430	1-240-676-91	s	RES, CHIP 22 (0603)
R431	1-240-676-91	s	RES, CHIP 22 (0603)
R432	1-240-676-91	s	RES, CHIP 22 (0603)
R433	1-240-676-91	s	RES, CHIP 22 (0603)
R434	1-240-676-91	s	RES, CHIP 22 (0603)
R435	1-240-676-91	s	RES, CHIP 22 (0603)
R436	1-240-676-91	s	RES, CHIP 22 (0603)
R437	1-240-676-91	s	RES, CHIP 22 (0603)
R438	1-240-676-91	s	RES, CHIP 22 (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R439	1-240-676-91	s	RES, CHIP 22 (0603)
R440	1-240-676-91	s	RES, CHIP 22 (0603)
R441	1-240-676-91	s	RES, CHIP 22 (0603)
R442	1-240-676-91	s	RES, CHIP 22 (0603)
R443	1-240-676-91	s	RES, CHIP 22 (0603)
R444	1-240-676-91	s	RES, CHIP 22 (0603)
R445	1-240-676-91	s	RES, CHIP 22 (0603)
R446	1-240-676-91	s	RES, CHIP 22 (0603)
R447	1-240-676-91	s	RES, CHIP 22 (0603)
R448	1-240-676-91	s	RES, CHIP 22 (0603)
R449	1-240-676-91	s	RES, CHIP 22 (0603)
R450	1-240-676-91	s	RES, CHIP 22 (0603)
R451	1-240-676-91	s	RES, CHIP 22 (0603)
R452	1-240-676-91	s	RES, CHIP 22 (0603)
R453	1-240-676-91	s	RES, CHIP 22 (0603)
R454	1-240-676-91	s	RES, CHIP 22 (0603)
R455	1-240-676-91	s	RES, CHIP 22 (0603)
R456	1-240-676-91	s	RES, CHIP 22 (0603)
R457	1-240-676-91	s	RES, CHIP 22 (0603)
R458	1-240-676-91	s	RES, CHIP 22 (0603)
R459	1-240-676-91	s	RES, CHIP 22 (0603)
R460	1-240-676-91	s	RES, CHIP 22 (0603)
R461	1-240-676-91	s	RES, CHIP 22 (0603)
R462	1-240-683-91	s	RES, CHIP 100 (0603)
R463	1-240-762-91	s	RES, CHIP 120 (0603)
R464	1-240-784-91	s	RES, CHIP 1K (0603)
R465	1-240-695-91	s	RES, CHIP 1K (0603)
R466	1-240-676-91	s	RES, CHIP 22 (0603)
R467	1-240-676-91	s	RES, CHIP 22 (0603)
R468	1-240-676-91	s	RES, CHIP 22 (0603)
R469	1-240-676-91	s	RES, CHIP 22 (0603)
R470	1-240-676-91	s	RES, CHIP 22 (0603)
R471	1-240-676-91	s	RES, CHIP 22 (0603)
R472	1-240-676-91	s	RES, CHIP 22 (0603)
R473	1-240-676-91	s	RES, CHIP 22 (0603)
R474	1-240-676-91	s	RES, CHIP 22 (0603)
R475	1-240-676-91	s	RES, CHIP 22 (0603)
R476	1-240-676-91	s	RES, CHIP 22 (0603)
R477	1-240-676-91	s	RES, CHIP 22 (0603)
R478	1-240-676-91	s	RES, CHIP 22 (0603)
R479	1-240-676-91	s	RES, CHIP 22 (0603)
R480	1-240-676-91	s	RES, CHIP 22 (0603)
R481	1-240-676-91	s	RES, CHIP 22 (0603)
R482	1-240-676-91	s	RES, CHIP 22 (0603)
R483	1-240-676-91	s	RES, CHIP 22 (0603)
R484	1-240-676-91	s	RES, CHIP 22 (0603)
R485	1-240-676-91	s	RES, CHIP 22 (0603)
R486	1-240-676-91	s	RES, CHIP 22 (0603)
R487	1-240-672-91	s	RES, CHIP 10 (0603)
R488	1-240-695-91	s	RES, CHIP 1K (0603)
R490	1-240-695-91	s	RES, CHIP 1K (0603)
R493	1-240-714-91	s	RES, CHIP 47K (0603)
R494	1-240-676-91	s	RES, CHIP 22 (0603)
R495	1-240-676-91	s	RES, CHIP 22 (0603)
R503	1-240-718-91	s	RES, CHIP 100K (0603)
R504	1-240-718-91	s	RES, CHIP 100K (0603)
R508	1-246-191-91	s	RES, CHIP 220K (0603)
R509	1-240-800-91	s	RES, CHIP 4.7K (0603)
R510	1-245-581-91	s	RES, CHIP 1M (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R513	1-240-695-91	s	RES, CHIP 1K (0603)
R514	1-240-695-91	s	RES, CHIP 1K (0603)
R515	1-240-703-91	s	RES, CHIP 4.7K (0603)
R516	1-240-703-91	s	RES, CHIP 4.7K (0603)
R517	1-240-676-91	s	RES, CHIP 22 (0603)
R518	1-240-676-91	s	RES, CHIP 22 (0603)
R521	1-694-535-91	s	CONDCTOR, CHIP (0603)
R522	1-694-535-91	s	CONDCTOR, CHIP (0603)
R524	1-240-676-91	s	RES, CHIP 22 (0603)
R525	1-240-676-91	s	RES, CHIP 22 (0603)
R526	1-240-678-91	s	RES, CHIP 33 (0603)
R528	1-240-718-91	s	RES, CHIP 100K (0603)
R529	1-240-718-91	s	RES, CHIP 100K (0603)
R534	1-240-718-91	s	RES, CHIP 100K (0603)
R535	1-240-718-91	s	RES, CHIP 100K (0603)
R539	1-240-772-91	s	RES, CHIP 330 (0603)
R540	1-240-772-91	s	RES, CHIP 330 (0603)
R541	1-240-772-91	s	RES, CHIP 330 (0603)
R542	1-240-764-91	s	RES, CHIP 150 (0603)
R543	1-240-764-91	s	RES, CHIP 150 (0603)
R544	1-240-764-91	s	RES, CHIP 150 (0603)
R545	1-240-764-91	s	RES, CHIP 150 (0603)
R546	1-240-764-91	s	RES, CHIP 150 (0603)
R547	1-240-764-91	s	RES, CHIP 150 (0603)
R548	1-240-772-91	s	RES, CHIP 330 (0603)
R549	1-240-772-91	s	RES, CHIP 330 (0603)
R550	1-240-772-91	s	RES, CHIP 330 (0603)
R552	1-240-744-91	s	RES, CHIP 22 (0603)
R553	1-240-744-91	s	RES, CHIP 22 (0603)
R555	1-240-744-91	s	RES, CHIP 22 (0603)
R556	1-240-744-91	s	RES, CHIP 22 (0603)
R557	1-240-744-91	s	RES, CHIP 22 (0603)
R559	1-240-744-91	s	RES, CHIP 22 (0603)
R563	1-240-778-91	s	RES, CHIP 560 (0603)
R564	1-240-784-91	s	RES, CHIP 1K (0603)
R567	1-240-784-91	s	RES, CHIP 1K (0603)
R568	1-240-784-91	s	RES, CHIP 1K (0603)
R569	1-240-784-91	s	RES, CHIP 1K (0603)
R570	1-240-777-91	s	RES, CHIP 510 (0603)
R571	1-240-792-91	o	RES, CHIP 2.2K (0603)
R572	1-240-784-91	s	RES, CHIP 1K (0603)
R573	1-240-784-91	s	RES, CHIP 1K (0603)
R577	1-240-789-91	s	RES, CHIP 1.6K (0603)
R578	1-240-792-91	o	RES, CHIP 2.2K (0603)
R579	1-240-789-91	s	RES, CHIP 1.6K (0603)
R580	1-240-789-91	s	RES, CHIP 1.6K (0603)
R581	1-240-789-91	s	RES, CHIP 1.6K (0603)
R586	1-240-784-91	s	RES, CHIP 1K (0603)
R590	1-240-764-91	s	RES, CHIP 150 (0603)
R591	1-240-764-91	s	RES, CHIP 150 (0603)
R592	1-240-789-91	s	RES, CHIP 1.6K (0603)
R593	1-240-776-91	s	RES, CHIP 470 (0603)
R594	1-240-794-91	s	RES, CHIP 2.7K (0603)
R595	1-240-776-91	s	RES, CHIP 470 (0603)
R597	1-240-800-91	s	RES, CHIP 4.7K (0603)
R598	1-240-736-91	s	RES, CHIP 10 (0603)
R599	1-240-830-91	s	RES, CHIP 100K (0603)
R600	1-240-707-91	s	RES, CHIP 10K (0603)
R601	1-240-714-91	s	RES, CHIP 47K (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R602	1-240-718-91	s	RES, CHIP 100K (0603)
R603	1-240-718-91	s	RES, CHIP 100K (0603)
R604	1-240-718-91	s	RES, CHIP 100K (0603)
R605	1-240-705-91	s	RES, CHIP 6.8K (0603)
R606	1-240-808-91	s	RES, CHIP 10K (0603)
R607	1-240-820-91	s	RES, CHIP 33K (0603)
R609	1-240-772-91	s	RES, CHIP 330 (0603)
R610	1-240-776-91	s	RES, CHIP 470 (0603)
R611	1-240-705-91	s	RES, CHIP 6.8K (0603)
R622	1-240-718-91	s	RES, CHIP 100K (0603)
R631	1-240-718-91	s	RES, CHIP 100K (0603)
R632	1-694-535-91	s	CONDCTOR, CHIP (0603)
R633	1-240-707-91	s	RES, CHIP 10K (0603)
R634	1-240-707-91	s	RES, CHIP 10K (0603)
R635	1-240-676-91	s	RES, CHIP 22 (0603)
R636	1-240-676-91	s	RES, CHIP 22 (0603)
R637	1-240-718-91	s	RES, CHIP 100K (0603)
R638	1-240-718-91	s	RES, CHIP 100K (0603)
R639	1-240-676-91	s	RES, CHIP 22 (0603)
R640	1-240-676-91	s	RES, CHIP 22 (0603)
R641	1-240-676-91	s	RES, CHIP 22 (0603)
R642	1-240-676-91	s	RES, CHIP 22 (0603)
R643	1-240-676-91	s	RES, CHIP 22 (0603)
R644	1-240-676-91	s	RES, CHIP 22 (0603)
R645	1-240-676-91	s	RES, CHIP 22 (0603)
R646	1-240-676-91	s	RES, CHIP 22 (0603)
R647	1-240-676-91	s	RES, CHIP 22 (0603)
R648	1-240-676-91	s	RES, CHIP 22 (0603)
R649	1-240-676-91	s	RES, CHIP 22 (0603)
R650	1-240-676-91	s	RES, CHIP 22 (0603)
R651	1-240-676-91	s	RES, CHIP 22 (0603)
R652	1-240-676-91	s	RES, CHIP 22 (0603)
R653	1-240-676-91	s	RES, CHIP 22 (0603)
R654	1-240-676-91	s	RES, CHIP 22 (0603)
R655	1-240-676-91	s	RES, CHIP 22 (0603)
R656	1-240-676-91	s	RES, CHIP 22 (0603)
R657	1-240-676-91	s	RES, CHIP 22 (0603)
R658	1-240-676-91	s	RES, CHIP 22 (0603)
R659	1-240-676-91	s	RES, CHIP 22 (0603)
R660	1-240-676-91	s	RES, CHIP 22 (0603)
R661	1-240-676-91	s	RES, CHIP 22 (0603)
R702	1-240-672-91	s	RES, CHIP 10 (0603)
R703	1-240-778-91	s	RES, CHIP 560 (0603)
R704	1-240-794-91	s	RES, CHIP 2.7K (0603)
R705	1-240-794-91	s	RES, CHIP 2.7K (0603)
R706	1-240-794-91	s	RES, CHIP 2.7K (0603)
R707	1-240-794-91	s	RES, CHIP 2.7K (0603)
R708	1-240-794-91	s	RES, CHIP 2.7K (0603)
R709	1-240-707-91	s	RES, CHIP 10K (0603)
R710	1-694-535-91	s	CONDCTOR, CHIP (0603)
R711	1-240-707-91	s	RES, CHIP 10K (0603)
R800	1-240-679-91	s	RES, CHIP 47 (0603)
R801	1-240-703-91	s	RES, CHIP 4.7K (0603)
R802	1-240-714-91	s	RES, CHIP 47K (0603)
R803	1-240-714-91	s	RES, CHIP 47K (0603)
R804	1-240-703-91	s	RES, CHIP 4.7K (0603)
R809	1-240-679-91	s	RES, CHIP 47 (0603)
R810	1-240-703-91	s	RES, CHIP 4.7K (0603)
R811	1-240-714-91	s	RES, CHIP 47K (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R812	1-240-703-91	s	RES, CHIP 4.7K (0603)
R813	1-240-714-91	s	RES, CHIP 47K (0603)
R814	1-240-707-91	s	RES, CHIP 10K (0603)
R816	1-240-718-91	s	RES, CHIP 100K (0603)
R817	1-240-718-91	s	RES, CHIP 100K (0603)
R818	1-240-676-91	s	RES, CHIP 22 (0603)
R819	1-240-676-91	s	RES, CHIP 22 (0603)
R820	1-240-676-91	s	RES, CHIP 22 (0603)
R821	1-240-676-91	s	RES, CHIP 22 (0603)
R825	1-240-676-91	s	RES, CHIP 22 (0603)
R826	1-240-676-91	s	RES, CHIP 22 (0603)
R827	1-240-676-91	s	RES, CHIP 22 (0603)
R828	1-240-676-91	s	RES, CHIP 22 (0603)
R829	1-240-676-91	s	RES, CHIP 22 (0603)
R830	1-240-676-91	s	RES, CHIP 22 (0603)
R900	1-240-679-91	s	RES, CHIP 47 (0603)
R901	1-240-679-91	s	RES, CHIP 47 (0603)
R902	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R903	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R904	1-240-672-91	s	RES, CHIP 10 (0603)
R905	1-240-714-91	s	RES, CHIP 47K (0603)
R906	1-240-714-91	s	RES, CHIP 47K (0603)
R907	1-240-695-91	s	RES, CHIP 1K (0603)
R908	1-240-695-91	s	RES, CHIP 1K (0603)
R910	1-240-714-91	s	RES, CHIP 47K (0603)
R911	1-240-714-91	s	RES, CHIP 47K (0603)
R912	1-694-535-91	s	CONDCTOR, CHIP (0603)
R913	1-240-714-91	s	RES, CHIP 47K (0603)
R914	1-240-714-91	s	RES, CHIP 47K (0603)
R915	1-240-714-91	s	RES, CHIP 47K (0603)
R917	1-240-678-91	s	RES, CHIP 33 (0603)
R918	1-694-535-91	s	CONDCTOR, CHIP (0603)
R919	1-240-714-91	s	RES, CHIP 47K (0603)
R920	1-240-714-91	s	RES, CHIP 47K (0603)
R921	1-240-714-91	s	RES, CHIP 47K (0603)
R922	1-240-714-91	s	RES, CHIP 47K (0603)
R923	1-240-679-91	s	RES, CHIP 47 (0603)
R924	1-240-679-91	s	RES, CHIP 47 (0603)
R1000	1-240-676-91	s	RES, CHIP 22 (0603)
R1001	1-240-676-91	s	RES, CHIP 22 (0603)
R1003	1-240-808-91	s	RES, CHIP 10K (0603)
R1004	1-240-707-91	s	RES, CHIP 10K (0603)
R1006	1-240-808-91	s	RES, CHIP 10K (0603)
R1007	1-240-676-91	s	RES, CHIP 22 (0603)
R1008	1-240-676-91	s	RES, CHIP 22 (0603)
R1009	1-240-676-91	s	RES, CHIP 22 (0603)
R1010	1-240-676-91	s	RES, CHIP 22 (0603)
R1012	1-240-676-91	s	RES, CHIP 22 (0603)
R1013	1-240-676-91	s	RES, CHIP 22 (0603)
R1014	1-240-676-91	s	RES, CHIP 22 (0603)
R1015	1-240-759-91	s	RES, CHIP 91 (0603)
R1016	1-240-759-91	s	RES, CHIP 91 (0603)
R1017	1-240-676-91	s	RES, CHIP 22 (0603)
R1018	1-240-676-91	s	RES, CHIP 22 (0603)
R1019	1-240-676-91	s	RES, CHIP 22 (0603)
R1020	1-240-676-91	s	RES, CHIP 22 (0603)
R1021	1-240-676-91	s	RES, CHIP 22 (0603)
R1022	1-240-676-91	s	RES, CHIP 22 (0603)
R1023	1-240-676-91	s	RES, CHIP 22 (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R1024	1-240-676-91	s	RES, CHIP 22 (0603)
R1025	1-240-679-91	s	RES, CHIP 47 (0603)
R1026	1-240-679-91	s	RES, CHIP 47 (0603)
R1027	1-240-679-91	s	RES, CHIP 47 (0603)
R1028	1-240-679-91	s	RES, CHIP 47 (0603)
R1029	1-240-679-91	s	RES, CHIP 47 (0603)
R1030	1-240-685-91	s	RES, CHIP 150 (0603)
R1031	1-240-685-91	s	RES, CHIP 150 (0603)
R1032	1-240-685-91	s	RES, CHIP 150 (0603)
R1033	1-240-685-91	s	RES, CHIP 150 (0603)
R1034	1-240-808-91	s	RES, CHIP 10K (0603)
R1035	1-240-808-91	s	RES, CHIP 10K (0603)
R1036	1-240-707-91	s	RES, CHIP 10K (0603)
R1037	1-240-685-91	s	RES, CHIP 150 (0603)
R1038	1-240-685-91	s	RES, CHIP 150 (0603)
R1039	1-240-685-91	s	RES, CHIP 150 (0603)
R1040	1-240-685-91	s	RES, CHIP 150 (0603)
R1041	1-240-808-91	s	RES, CHIP 10K (0603)
R1042	1-240-808-91	s	RES, CHIP 10K (0603)
R1100	1-240-703-91	s	RES, CHIP 4.7K (0603)
R1102	1-240-703-91	s	RES, CHIP 4.7K (0603)
R1103	1-240-703-91	s	RES, CHIP 4.7K (0603)
R1104	1-240-714-91	s	RES, CHIP 47K (0603)
R1105	1-240-707-91	s	RES, CHIP 10K (0603)
R1107	1-240-687-91	s	RES, CHIP 220 (0603)
R1110	1-240-752-91	s	RES, CHIP 47 (0603)
R1112	1-240-807-91	s	RES, CHIP 9.1K (0603)
R1113	1-240-749-91	s	RES, CHIP 36 (0603)
R1114	1-240-749-91	s	RES, CHIP 36 (0603)
R1116	1-240-707-91	s	RES, CHIP 10K (0603)
R1117	1-240-707-91	s	RES, CHIP 10K (0603)
R1200	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1201	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1202	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1203	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1204	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1205	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1206	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1207	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1208	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1209	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1210	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1211	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1214	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1215	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1217	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1218	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1219	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1220	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1221	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1222	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1223	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1224	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1225	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1226	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1227	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1228	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1229	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1230	1-240-706-91	s	RES, CHIP 8.2K (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R1231	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1232	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1233	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1234	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1235	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1236	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1237	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1238	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1239	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1240	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1241	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1242	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1243	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1244	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1245	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1246	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1247	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1248	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1249	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1250	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1251	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1252	1-240-706-91	s	RES, CHIP 8.2K (0603)
R1253	1-240-683-91	s	RES, CHIP 100 (0603)
R1254	1-240-707-91	s	RES, CHIP 10K (0603)
R1256	1-240-695-91	s	RES, CHIP 1K (0603)
R1257	1-240-695-91	s	RES, CHIP 1K (0603)
R1258	1-240-695-91	s	RES, CHIP 1K (0603)
R1259	1-240-807-91	s	RES, CHIP 9.1K (0603)
R1260	1-240-680-91	s	RES, CHIP 56 (0603)
R1261	1-240-718-91	s	RES, CHIP 100K (0603)
R1262	1-240-707-91	s	RES, CHIP 10K (0603)
R1263	1-240-680-91	s	RES, CHIP 56 (0603)
R1264	1-240-680-91	s	RES, CHIP 56 (0603)
R1265	1-240-680-91	s	RES, CHIP 56 (0603)
R1266	1-240-801-91	s	RES, CHIP 5.1K (0603)
R1267	1-694-535-91	s	CONDCTOR, CHIP (0603)
R1268	1-694-535-91	s	CONDCTOR, CHIP (0603)
R1269	1-694-535-91	s	CONDCTOR, CHIP (0603)
R1271	1-240-703-91	s	RES, CHIP 4.7K (0603)
R1301	1-240-748-91	s	RES, CHIP 33 (0603)
R1302	1-240-748-91	s	RES, CHIP 33 (0603)
R1303	1-240-748-91	s	RES, CHIP 33 (0603)
R1304	1-240-748-91	s	RES, CHIP 33 (0603)
R1305	1-240-748-91	s	RES, CHIP 33 (0603)
R1306	1-240-748-91	s	RES, CHIP 33 (0603)
R1310	1-240-776-91	s	RES, CHIP 470 (0603)
R1311	1-245-645-91	s	RES, CHIP 4.7 (0603)
R1322	1-240-714-91	s	RES, CHIP 47K (0603)
R1323	1-240-714-91	s	RES, CHIP 47K (0603)
R1324	1-240-714-91	s	RES, CHIP 47K (0603)
R1326	1-240-748-91	s	RES, CHIP 33 (0603)
R1327	1-240-748-91	s	RES, CHIP 33 (0603)
R1328	1-240-748-91	s	RES, CHIP 33 (0603)
R1329	1-240-748-91	s	RES, CHIP 33 (0603)
R1330	1-240-776-91	s	RES, CHIP 470 (0603)
R1331	1-245-645-91	s	RES, CHIP 4.7 (0603)
R1333	1-240-695-91	s	RES, CHIP 1K (0603)
R1335	1-240-695-91	s	RES, CHIP 1K (0603)
R1340	1-240-683-91	s	RES, CHIP 100 (0603)

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Ref. No. or Q'ty	Part No.	SP	Description
R1341	1-240-714-91	s	RES, CHIP 47K (0603)
R1342	1-240-714-91	s	RES, CHIP 47K (0603)
R1343	1-240-789-91	s	RES, CHIP 1.6K (0603)
R1344	1-240-753-91	s	RES, CHIP 51 (0603)
R1345	1-240-714-91	s	RES, CHIP 47K (0603)
R1346	1-240-697-91	s	RES, CHIP 1.5K (0603)
R1347	1-240-714-91	s	RES, CHIP 47K (0603)
R1348	1-240-714-91	s	RES, CHIP 47K (0603)
R1349	1-240-697-91	s	RES, CHIP 1.5K (0603)
R1415	1-240-703-91	s	RES, CHIP 4.7K (0603)
R1416	1-240-752-91	s	RES, CHIP 47 (0603)
R1417	1-240-752-91	s	RES, CHIP 47 (0603)
R1418	1-240-752-91	s	RES, CHIP 47 (0603)
R1419	1-240-752-91	s	RES, CHIP 47 (0603)
R1420	1-240-752-91	s	RES, CHIP 47 (0603)
R1421	1-240-752-91	s	RES, CHIP 47 (0603)
R1422	1-240-752-91	s	RES, CHIP 47 (0603)
R1423	1-240-752-91	s	RES, CHIP 47 (0603)
R1424	1-240-752-91	s	RES, CHIP 47 (0603)
R1425	1-240-752-91	s	RES, CHIP 47 (0603)
R1426	1-240-714-91	s	RES, CHIP 47K (0603)
R1500	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R1501	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R1502	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R1503	1-211-899-91	s	RES,SQUARE TYPE CHIP 0.22 3225
R1504	1-240-707-91	s	RES, CHIP 10K (0603)
R1505	1-240-707-91	s	RES, CHIP 10K (0603)
R1506	1-240-707-91	s	RES, CHIP 10K (0603)
R1507	1-240-714-91	s	RES, CHIP 47K (0603)
R1509	1-240-714-91	s	RES, CHIP 47K (0603)
R1510	1-240-718-91	s	RES, CHIP 100K (0603)
R1512	1-240-718-91	s	RES, CHIP 100K (0603)
R1513	1-240-705-91	s	RES, CHIP 6.8K (0603)
R1515	1-240-705-91	s	RES, CHIP 6.8K (0603)
R1516	1-240-808-91	s	RES, CHIP 10K (0603)
R1517	1-240-820-91	s	RES, CHIP 33K (0603)
R1518	1-240-816-91	s	RES, CHIP 22K (0603)
R1522	1-240-707-91	s	RES, CHIP 10K (0603)
R1523	1-240-701-91	s	RES, CHIP 3.3K (0603)
R1524	1-240-691-91	s	RES, CHIP 470 (0603)
R1525	1-240-776-91	s	RES, CHIP 470 (0603)
R1527	1-240-776-91	s	RES, CHIP 470 (0603)
R1528	1-240-705-91	s	RES, CHIP 6.8K (0603)
R1529	1-240-705-91	s	RES, CHIP 6.8K (0603)
R1530	1-240-705-91	s	RES, CHIP 6.8K (0603)
R1531	1-240-714-91	s	RES, CHIP 47K (0603)
R1532	1-240-724-91	s	RES, CHIP 330K (0603)
R1535	1-694-535-91	s	CONDCTOR, CHIP (0603)
R1537	1-240-708-91	s	RES, CHIP 12K (0603)
R1538	1-245-673-91	s	RES,CHIP 330K
R1539	1-240-826-91	s	RES, CHIP 68K (0603)
R1540	1-240-707-91	s	RES, CHIP 10K (0603)
R1541	1-240-724-91	s	RES, CHIP 330K (0603)
R1542	1-694-535-91	s	CONDCTOR, CHIP (0603)
R1544	1-240-707-91	s	RES, CHIP 10K (0603)
R1545	1-240-722-91	s	RES, CHIP 220K (0603)
R1546	1-240-722-91	s	RES, CHIP 220K (0603)
R1547	1-240-711-91	s	RES, CHIP 22K (0603)
R1549	1-240-707-91	s	RES, CHIP 10K (0603)

(DPR-289A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1601	1-240-707-91	s	RES, CHIP 10K (0603)
R1605	1-240-695-91	s	RES, CHIP 1K (0603)
R1607	1-240-707-91	s	RES, CHIP 10K (0603)
R1608	1-240-718-91	s	RES, CHIP 100K (0603)
R1611	1-240-736-91	s	RES, CHIP 10 (0603)
R1612	1-240-748-91	s	RES, CHIP 33 (0603)
R1613	1-240-736-91	s	RES, CHIP 10 (0603)
R1614	1-240-748-91	s	RES, CHIP 33 (0603)
R1615	1-240-777-91	s	RES, CHIP 510 (0603)
R1616	1-240-718-91	s	RES, CHIP 100K (0603)
R1622	1-240-707-91	s	RES, CHIP 10K (0603)
R1623	1-240-707-91	s	RES, CHIP 10K (0603)
R1627	1-240-714-91	s	RES, CHIP 47K (0603)
R1628	1-240-676-91	s	RES, CHIP 22 (0603)
R1629	1-240-676-91	s	RES, CHIP 22 (0603)
R1630	1-240-676-91	s	RES, CHIP 22 (0603)
R1631	1-240-718-91	s	RES, CHIP 100K (0603)
R1632	1-240-676-91	s	RES, CHIP 22 (0603)
R1633	1-240-676-91	s	RES, CHIP 22 (0603)
R1700	1-240-707-91	s	RES, CHIP 10K (0603)
R1701	1-240-707-91	s	RES, CHIP 10K (0603)
R1702	1-240-718-91	s	RES, CHIP 100K (0603)
R1703	1-240-718-91	s	RES, CHIP 100K (0603)
R1737	1-240-695-91	s	RES, CHIP 1K (0603)
R1738	1-240-695-91	s	RES, CHIP 1K (0603)
R1739	1-240-714-91	s	RES, CHIP 47K (0603)
R1740	1-240-714-91	s	RES, CHIP 47K (0603)
R1741	1-240-714-91	s	RES, CHIP 47K (0603)
R1742	1-240-714-91	s	RES, CHIP 47K (0603)
R1743	1-240-676-91	s	RES, CHIP 22 (0603)
R1744	1-240-676-91	s	RES, CHIP 22 (0603)
R1745	1-240-676-91	s	RES, CHIP 22 (0603)
R1746	1-240-676-91	s	RES, CHIP 22 (0603)
R1747	1-240-676-91	s	RES, CHIP 22 (0603)
R1748	1-240-676-91	s	RES, CHIP 22 (0603)
R1749	1-240-676-91	s	RES, CHIP 22 (0603)
R1750	1-240-676-91	s	RES, CHIP 22 (0603)
R1751	1-240-676-91	s	RES, CHIP 22 (0603)
R1752	1-240-676-91	s	RES, CHIP 22 (0603)
R1753	1-240-676-91	s	RES, CHIP 22 (0603)
R1754	1-240-676-91	s	RES, CHIP 22 (0603)
R1755	1-240-714-91	s	RES, CHIP 47K (0603)
R1756	1-240-714-91	s	RES, CHIP 47K (0603)
R1757	1-240-714-91	s	RES, CHIP 47K (0603)
R1758	1-240-718-91	s	RES, CHIP 100K (0603)
R1759	1-240-714-91	s	RES, CHIP 47K (0603)
R1763	1-240-714-91	s	RES, CHIP 47K (0603)
R1800	1-240-714-91	s	RES, CHIP 47K (0603)
R1801	1-240-714-91	s	RES, CHIP 47K (0603)
R1802	1-240-714-91	s	RES, CHIP 47K (0603)
R1803	1-240-714-91	s	RES, CHIP 47K (0603)
R1804	1-240-714-91	s	RES, CHIP 47K (0603)
R1807	1-240-676-91	s	RES, CHIP 22 (0603)
R1808	1-240-676-91	s	RES, CHIP 22 (0603)
R1811	1-240-707-91	s	RES, CHIP 10K (0603)
R1812	1-240-676-91	s	RES, CHIP 22 (0603)
R1813	1-240-714-91	s	RES, CHIP 47K (0603)
R1814	1-240-714-91	s	RES, CHIP 47K (0603)
R1815	1-240-676-91	s	RES, CHIP 22 (0603)

(DPR-289A BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R2500	1-208-860-81	s	RES, CHIP 75 (1005)
R2501	1-208-860-81	s	RES, CHIP 75 (1005)
R2502	1-208-860-81	s	RES, CHIP 75 (1005)
R2503	1-208-860-81	s	RES, CHIP 75 (1005)
R2504	1-208-860-81	s	RES, CHIP 75 (1005)
R2505	1-208-860-81	s	RES, CHIP 75 (1005)
R2506	1-240-830-91	s	RES, CHIP 100K (0603)
R2509	1-208-860-81	s	RES, CHIP 75 (1005)
R2510	1-240-703-91	s	RES, CHIP 4.7K (0603)
R2511	1-240-707-91	s	RES, CHIP 10K (0603)
R2512	1-240-707-91	s	RES, CHIP 10K (0603)
R2513	1-240-707-91	s	RES, CHIP 10K (0603)
R2514	1-240-778-91	s	RES, CHIP 560 (0603)
R2515	1-240-759-91	s	RES, CHIP 91 (0603)
R2516	1-240-759-91	s	RES, CHIP 91 (0603)
R2517	1-240-754-91	s	RES, CHIP 56 (0603)
R2518	1-240-764-91	s	RES, CHIP 150 (0603)
R2519	1-240-777-91	s	RES, CHIP 510 (0603)
R2520	1-240-778-91	s	RES, CHIP 560 (0603)
R2523	1-240-778-91	s	RES, CHIP 560 (0603)
R2528	1-240-777-91	s	RES, CHIP 510 (0603)
R2529	1-208-860-81	s	RES, CHIP 75 (1005)
R2530	1-240-676-91	s	RES, CHIP 22 (0603)
R2531	1-694-535-91	s	CONDCTOR, CHIP (0603)
R2534	1-694-535-91	s	CONDCTOR, CHIP (0603)
R2536	1-694-535-91	s	CONDCTOR, CHIP (0603)
R2537	1-240-800-91	s	RES, CHIP 4.7K (0603)
R2539	1-694-535-91	s	CONDCTOR, CHIP (0603)
R2541	1-694-535-91	s	CONDCTOR, CHIP (0603)
R2542	1-240-792-91	o	RES, CHIP 2.2K (0603)
RB800	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB900	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB901	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB902	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB903	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB904	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB905	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB906	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB907	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1000	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB1001	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB1002	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB1003	1-234-370-21	s	RES, NETWORK 22 (1005X4)
X500	1-813-285-12	s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X501	1-813-828-21	s	VIBRATOR, CRYSTAL (12.5 MHz)
X701	1-814-063-11	s	OSCILLATOR, CRYSTAL 54MHZ
X1100	1-813-345-21	s	VIBRATOR, CRYSTAL (30 MHz)
X1200	1-813-049-21	s	VIBRATOR, CRYSTAL (24.576 MHz)
X1300	1-813-052-21	s	VIBRATOR, CRYSTAL (25 MHz)
X1301	1-813-345-21	s	VIBRATOR, CRYSTAL (30 MHz)
X1400	1-813-493-11	s	OSCILLATOR, CRYSTAL
X1600	1-813-942-11	s	OSCILLATOR, CRYSTAL 27MHZ

EC-63 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-718-A	s	MOUNTED CIRCUIT BOARD, EC-63
1pc	1-821-531-11	s	CONNECTOR, EX CARD(GUIDE UNIT)
2pcs	3-968-729-52	s	SCREW (M2), LOCK ACE, P2
C1	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C2	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C3	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C4	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C5	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C6	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C7	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C8	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C9	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C10	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C11	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C12	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C13	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN2	1-821-530-11	s	CONNECTOR, EX CARD (HOST)
D1	6-500-122-01	s	DIODE CL-375HR/YG-D-TS
E1	1-535-757-21	s	CHIP, CHECKER
E2	1-535-757-21	s	CHIP, CHECKER
R1	1-208-883-81	s	RES, CHIP 680 (1005)
R2	1-208-867-81	s	RES, CHIP 150 (1005)
R3	1-208-903-81	s	RES, CHIP 4.7K (1005)
R4	1-208-911-81	s	RES, CHIP 10K (1005)
R5	1-220-882-81	s	RES, CHIP 33 (1005)
VDR1	1-802-245-11	s	ESD SUPPRESSOR
VDR2	1-802-245-11	s	ESD SUPPRESSOR

HN-326 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-726-A	s	MOUNTED CIRCUIT BOARD, HN-326
CN2	1-820-455-11	s	CONNECTOR, BOARD TO BOARD 80P

HN-328 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-708-A	s	MOUNTED CIRCUIT BOARD, HN-328

HN-337 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-797-A	s	MOUNTED CIRCUIT BOARD, HN-337
CN3	1-566-761-11	o	PIN, CONNECTOR (PC BOARD) 6P

HN-343 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-699-A	s	MOUNTED CIRCUIT BOARD, HN-343

HN-344 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-700-A	s	MOUNTED CIRCUIT BOARD, HN-344

HN-345 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-877-241-11	s	PWB, HN-345 FLEXIBLE

HN-346 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-877-242-11	s	PWB, HN-346 FLEXIBLE

HN-347 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-795-A	s	MOUNTED CIRCUIT BOARD, HN-347

HN-348 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-877-248-11	s	PWB, HN-348 FLEXIBLE

HN-349 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-877-244-11	s	PWB, HN-349 FLEXIBLE

HP-144 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-799-A	s	MOUNTED CIRCUIT BOARD, HP-144
C1	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C2	1-126-412-21	s	CAP, CHIP ELECT 220MF (4X5.7)
C3	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C4	1-164-939-81	s	CAP, CHIPCERAMIC 2200PF B 1005
C5	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
CN2	1-794-525-12	s	JACK, MIC
D1	6-502-153-01	o	DI MAZT082HG8S0
FL1	1-239-895-22	s	FILTER, EMI (SMD)
FL2	1-239-895-22	s	FILTER, EMI (SMD)
L1	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L2	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
Q1	8-729-231-72	s	TRANSISTOR 2SC3326N-TE85L-AB
Q2	8-729-231-72	s	TRANSISTOR 2SC3326N-TE85L-AB
R1	1-208-919-81	s	RES, CHIP 22K (1005)
R2	1-208-919-81	s	RES, CHIP 22K (1005)
R3	1-220-878-81	s	RES, CHIP 22 (1005)
R4	1-220-878-81	s	RES, CHIP 22 (1005)
R5	1-208-887-81	s	RES, CHIP 1.0K (1005)
R6	1-208-887-81	s	RES, CHIP 1.0K (1005)
R7	1-208-863-81	s	RES, CHIP 100 (1005)
VDR1	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR2	1-803-974-21	s	VARISTOR, CHIP (1608)

IF-1069 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-709-A	s	MOUNTED CIRCUIT BOARD, IF-1069
CN3	1-794-997-21	s	PIN, CONNECTOR 20P
CN4	1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P
CN5	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
D51	8-719-820-42	s	DIODE 1SS302-TE85L
D52	8-719-820-42	s	DIODE 1SS302-TE85L
R51	1-208-895-81	s	RES, CHIP 2.2K (1005)
R52	1-208-895-81	s	RES, CHIP 2.2K (1005)
R53	1-216-864-91	s	CONDUCTOR, CHIP (1608)
S1	1-771-487-21	s	SWITCH, SLIDE

IR-42 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-725-A	s	MOUNTED CIRCUIT BOARD, IR-42
C101	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C102	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C103	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C104	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C105	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C106	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C107	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C108	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C109	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C110	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C111	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
CN102	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
CN103	1-778-649-31	s	CONNECTOR, FFC/FPC(ZIF) ST 24P
FB100	1-400-580-21	s	FERRITE, EMI (SMD)
FB102	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
FB103	1-208-887-21	s	RES, CHIP 1.0K (1005)
FB104	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
FB106	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
FB107	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
FB108	1-208-887-21	s	RES, CHIP 1.0K (1005)
FB109	1-208-887-21	s	RES, CHIP 1.0K (1005)
FB110	1-208-887-21	s	RES, CHIP 1.0K (1005)
FB111	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
FB112	1-400-580-21	s	FERRITE, EMI (SMD)
FB113	1-400-834-21	s	FERRITE, EMI (SMD) (1005)
R100	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R103	1-216-864-91	s	CONDUCTOR, CHIP (1608)

JK-81 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-791-A	s	MOUNTED CIRCUIT BOARD, JK-81
CN2	1-818-607-23	s	CONNECTOR, SQUARE TYPE 10P
CN6	1-818-513-21	s	CONNECTOR (SQUARE TYPE)(USB)5P
D1	6-500-750-01	s	DIODE NSAD500H-T1-A
FB1	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FL1	1-239-897-22	s	FILTER, EMI (SMD)
FL2	1-239-897-22	s	FILTER, EMI (SMD)
FL3	1-239-897-22	s	FILTER, EMI (SMD)
L2	1-456-799-11	s	COIL, COMMON MODE CHOKE
R4	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R14	1-208-895-81	s	RES, CHIP 2.2K (1005)
R18	1-216-864-91	s	CONDUCTOR, CHIP (1608)
VDR6	1-802-245-11	s	ESD SUPPRESSOR
VDR7	1-802-245-11	s	ESD SUPPRESSOR

JK-84 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-796-A	s	MOUNTED CIRCUIT BOARD, JK-84
CN3	1-784-292-11	s	CONNECTOR, MINIATURE DIN 4P
CN5	1-794-962-31	s	CONNECTOR, SQUARE TYPE(USB 5P)
CN8	1-821-513-11	s	CONNECTOR, COAXIAL (BNC TIPE)
CN9	1-822-047-11	s	JACK, PIN
D6	6-502-153-01	o	DI MAZT082HG8S0
D10	6-502-153-01	o	DI MAZT082HG8S0
FB2	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB3	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FL4	1-239-896-22	s	FILTER, EMI (SMD)
FL5	1-239-896-22	s	FILTER, EMI (SMD)
FL6	1-239-896-22	s	FILTER, EMI (SMD)
FL7	1-239-896-22	s	FILTER, EMI (SMD)
L1	1-456-799-11	s	COIL, COMMON MODE CHOKE
R5	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R12	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R13	1-208-895-81	s	RES, CHIP 2.2K (1005)
R17	1-216-864-91	s	CONDUCTOR, CHIP (1608)
VDR1	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR2	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR3	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR4	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR5	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR8	1-802-245-11	s	ESD SUPPRESSOR
VDR9	1-802-245-11	s	ESD SUPPRESSOR

KSW-54 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-702-A	s	MOUNTED CIRCUIT BOARD, KSW-54
C100	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C101	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C102	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C103	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C104	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C105	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C106	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C107	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C108	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C109	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C110	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C111	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C112	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN2	1-817-054-21	s	PIN, CONNECTOR 6P
CN4	1-766-336-61	s	CONNECTOR, FFC/FPC 6P
CN5	1-785-840-31	s	CONNECTOR, FFC/FPC(ZIF) AN 15P
CN7	1-816-463-21	s	PIN, CONNECTOR (PC BOARD) 10P
CN300	1-770-627-21	s	PIN, CONNECTOR 10P
CN301	1-794-997-21	s	PIN, CONNECTOR 20P
D100	8-719-820-42	s	DIODE 1SS302-TE85L
D101	8-719-820-42	s	DIODE 1SS302-TE85L
D102	8-719-820-42	s	DIODE 1SS302-TE85L
D103	8-719-820-42	s	DIODE 1SS302-TE85L
D104	8-719-820-42	s	DIODE 1SS302-TE85L
D105	8-719-820-42	s	DIODE 1SS302-TE85L
D106	8-719-820-42	s	DIODE 1SS302-TE85L
D107	8-719-820-42	s	DIODE 1SS302-TE85L
D108	8-719-820-42	s	DIODE 1SS302-TE85L
D109	8-719-820-42	s	DIODE 1SS302-TE85L
D110	8-719-820-42	s	DIODE 1SS302-TE85L
D111	8-719-820-42	s	DIODE 1SS302-TE85L
D112	8-719-820-42	s	DIODE 1SS302-TE85L
D113	8-719-820-42	s	DIODE 1SS302-TE85L
D114	8-719-820-42	s	DIODE 1SS302-TE85L
IC100	6-807-803-01	s	IC UPD78F0533AGB(S)-403-UEU-A
IC101	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
L100	1-414-920-41	s	INDUCTOR, CHIP 220.0NH
L101	1-469-189-21	s	INDUCTOR, CHIP 100NH (1005)
L102	1-469-189-21	s	INDUCTOR, CHIP 100NH (1005)
L103	1-469-189-21	s	INDUCTOR, CHIP 100NH (1005)
R100	1-208-887-81	s	RES, CHIP 1.0K (1005)
R101	1-208-911-81	s	RES, CHIP 10K (1005)
R102	1-208-895-81	s	RES, CHIP 2.2K (1005)
R103	1-208-895-81	s	RES, CHIP 2.2K (1005)
R104	1-208-895-81	s	RES, CHIP 2.2K (1005)
R105	1-208-895-81	s	RES, CHIP 2.2K (1005)
R106	1-208-895-81	s	RES, CHIP 2.2K (1005)
R107	1-208-927-81	s	RES, CHIP 47K (1005)
R108	1-208-895-81	s	RES, CHIP 2.2K (1005)
R109	1-208-895-81	s	RES, CHIP 2.2K (1005)
R110	1-208-895-81	s	RES, CHIP 2.2K (1005)
R111	1-208-895-81	s	RES, CHIP 2.2K (1005)
R112	1-208-895-81	s	RES, CHIP 2.2K (1005)
R113	1-208-895-81	s	RES, CHIP 2.2K (1005)
R114	1-208-895-81	s	RES, CHIP 2.2K (1005)

(KSW-54 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R115	1-208-895-81	s	RES, CHIP 2.2K (1005)
R116	1-208-895-81	s	RES, CHIP 2.2K (1005)
R117	1-208-895-81	s	RES, CHIP 2.2K (1005)
R121	1-208-911-81	s	RES, CHIP 10K (1005)
R122	1-208-911-81	s	RES, CHIP 10K (1005)
R123	1-208-911-81	s	RES, CHIP 10K (1005)
R124	1-208-911-81	s	RES, CHIP 10K (1005)
R125	1-208-927-81	s	RES, CHIP 47K (1005)
R126	1-208-887-81	s	RES, CHIP 1.0K (1005)
R127	1-208-911-81	s	RES, CHIP 10K (1005)
R128	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R129	1-208-927-81	s	RES, CHIP 47K (1005)
R131	1-208-895-81	s	RES, CHIP 2.2K (1005)
R132	1-208-895-81	s	RES, CHIP 2.2K (1005)
R133	1-208-895-81	s	RES, CHIP 2.2K (1005)
RB300	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB301	1-234-380-21	o	RES, NETWORK 47K (1005X4)
S100	1-786-721-22	s	TACTILE SWITCH
S101	1-786-157-51	s	TACTILE SWITCH
S102	1-786-157-51	s	TACTILE SWITCH
S103	1-786-157-51	s	TACTILE SWITCH
S104	1-786-157-51	s	TACTILE SWITCH
S105	1-786-157-51	s	TACTILE SWITCH
S106	1-786-157-51	s	TACTILE SWITCH
S107	1-786-157-51	s	TACTILE SWITCH
S108	1-786-157-51	s	TACTILE SWITCH
S109	1-786-157-51	s	TACTILE SWITCH
S110	1-786-157-51	s	TACTILE SWITCH

LED-469 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-707-A	s	MOUNTED CIRCUIT BOARD, LED-469
CN1	1-770-619-21	s	PIN, CONNECTOR 2P
CN2	1-817-869-21	s	PIN, CONNECTOR 10P
D1	6-500-621-01	s	DIODE SML-012UTT86
D2	6-500-621-01	s	DIODE SML-012UTT86
Q1	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
R1	1-218-831-91	s	RES, CHIP 220 (1608)

MA-164 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-710-A	s	MOUNTED CIRCUIT BOARD, MA-164
C2	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C3	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C4	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C5	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C6	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C7	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C8	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C9	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C10	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C11	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C12	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C13	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C14	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C15	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C16	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
C17	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C18	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C19	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C20	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C21	1-127-715-91	s	CAP,CHIP CERAMIC 0.22MF B 1608
C22	1-100-672-91	s	CAP, CERAMIC 10MF C (3216)
CN1	1-794-376-21	s	PIN, CONNECTOR 4P
CN2	1-794-376-21	s	PIN, CONNECTOR 4P
CN3	1-816-463-21	s	PIN, CONNECTOR (PC BOARD) 10P
L1	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
Q3	8-729-037-52	s	TRANSISTOR 2SD2216J-QR(TX).SO
Q4	8-729-037-52	s	TRANSISTOR 2SD2216J-QR(TX).SO
Q5	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q6	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q7	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q8	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q9	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q10	8-729-202-14	s	TRANSISTOR 2SC2713G-TE85L
Q11	8-729-037-52	s	TRANSISTOR 2SD2216J-QR(TX).SO
Q12	8-729-037-52	s	TRANSISTOR 2SD2216J-QR(TX).SO
R4	1-208-895-81	s	RES, CHIP 2.2K (1005)
R5	1-208-895-81	s	RES, CHIP 2.2K (1005)
R6	1-208-895-81	s	RES, CHIP 2.2K (1005)
R7	1-208-895-81	s	RES, CHIP 2.2K (1005)
R8	1-208-927-81	s	RES, CHIP 47K (1005)
R9	1-208-927-81	s	RES, CHIP 47K (1005)
R14	1-208-947-81	s	RES, CHIP 330K (1005)
R15	1-208-947-81	s	RES, CHIP 330K (1005)
R16	1-208-895-81	s	RES, CHIP 2.2K (1005)
R17	1-208-883-81	s	RES, CHIP 680 (1005)
R18	1-208-895-81	s	RES, CHIP 2.2K (1005)
R19	1-208-883-81	s	RES, CHIP 680 (1005)
R24	1-208-947-81	s	RES, CHIP 330K (1005)
R25	1-208-947-81	s	RES, CHIP 330K (1005)
R26	1-208-895-81	s	RES, CHIP 2.2K (1005)
R27	1-208-883-81	s	RES, CHIP 680 (1005)
R28	1-208-895-81	s	RES, CHIP 2.2K (1005)
R29	1-208-883-81	s	RES, CHIP 680 (1005)
R30	1-208-895-81	s	RES, CHIP 2.2K (1005)
R31	1-208-895-81	s	RES, CHIP 2.2K (1005)

(MA-164 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R32	1-208-895-81	s	RES, CHIP 2.2K (1005)
R33	1-208-895-81	s	RES, CHIP 2.2K (1005)
R34	1-208-927-81	s	RES, CHIP 47K (1005)
R35	1-208-879-81	s	RES, CHIP 470 (1005)
R36	1-208-879-81	s	RES, CHIP 470 (1005)
R37	1-208-879-81	s	RES, CHIP 470 (1005)
R38	1-208-879-81	s	RES, CHIP 470 (1005)
R39	1-208-935-81	s	RES, CHIP 100K (1005)
R40	1-208-935-81	s	RES, CHIP 100K (1005)
R41	1-208-935-81	s	RES, CHIP 100K (1005)
R42	1-208-935-81	s	RES, CHIP 100K (1005)

PS-747 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-798-A	s	MOUNTED CIRCUIT BOARD, PS-747
C1	1-107-891-51	s	CAP, ELECT 3300MF
CN1	1-770-160-21	s	PIN, CONNECTOR (PC BOARD) 2P

RE-260 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1550-168-A	s	MOUNTED CIRCUIT BOARD, RE-260
C14	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C15	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C17	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-137-980-91	s	CAP,CHIP CERAMIC 0.47MF B 3216
C19	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C21	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C22	1-112-727-21	s	CAP, ELECT 47MF (8.0X6.9)
C23	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C24	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C25	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C26	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C27	1-162-923-91	s	CAP, CERAMIC 47PF CH 1608
C28	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C31	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C32	1-164-227-91	s	CAP,CERAMIC 22000PF B 1608
C33	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C34	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C35	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C36	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C37	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C38	1-162-969-91	s	CAP, CERAMIC 6800PF B 1608
C39	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C40	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C41	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C42	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C43	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C44	1-135-349-21	s	CAP, ELECT 22MF (6.3X6)
C46	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C47	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C48	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C49	1-112-180-21	s	CAP, ALUMINIUM ELECT 150MF
C50	1-112-180-21	s	CAP, ALUMINIUM ELECT 150MF
C51	1-112-784-11	s	CAP, ELECT(SOLID)
C57	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C58	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C59	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C60	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C61	1-112-785-11	s	CAP, ELECT(SOLID)
C62	1-112-785-11	s	CAP, ELECT(SOLID)
C63	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C64	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C65	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C66	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C67	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C68	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C200	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C201	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C202	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C203	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C204	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C205	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C206	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C207	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C208	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C209	1-165-989-91	s	CAP, CERAMIC 10MF (2012)

Ref. No. or Q'ty	Part No.	SP	Description
C210	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C211	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C212	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C213	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C215	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C216	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C217	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C218	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C219	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C220	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C221	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C222	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C223	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C224	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C225	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C226	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C227	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C228	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C229	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C230	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C231	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C232	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C233	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C234	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C235	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C236	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C237	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C238	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C239	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C301	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C302	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C303	1-162-964-91	s	CAP,CHIP CERAMIC 1000PF B 1608
C304	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C305	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C306	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C307	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C308	1-125-891-91	s	CAP, CHIP CERAMIC0.47MF B 1608
C309	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C310	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C311	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C312	1-165-629-91	s	CAP, CERAMIC 1000000PF B(3225)
C313	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C314	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C315	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C316	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C317	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C319	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C320	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C321	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C322	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN1	1-774-731-21	s	PIN, CONNECTOR (PC BOARD) 5P
CN2	1-774-731-21	s	PIN, CONNECTOR (PC BOARD) 5P
D8	8-719-069-28	s	DIODE 1SS400TE-61
D9	8-719-938-77	s	DIODE SB05-05C-TB-E
D10	8-719-938-77	s	DIODE SB05-05C-TB-E
D14	8-719-069-28	s	DIODE 1SS400TE-61
D15	8-719-069-28	s	DIODE 1SS400TE-61
D16	8-719-069-28	s	DIODE 1SS400TE-61

(RE-260 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D17	8-719-069-28	s	DIODE 1SS400TE-61
D18	8-719-069-28	s	DIODE 1SS400TE-61
D19	8-719-069-28	s	DIODE 1SS400TE-61
D20	8-719-069-28	s	DIODE 1SS400TE-61
D21	8-719-069-28	s	DIODE 1SS400TE-61
D22	8-719-069-28	s	DIODE 1SS400TE-61
D200	8-719-069-28	s	DIODE 1SS400TE-61
D201	8-719-069-28	s	DIODE 1SS400TE-61
D202	8-719-069-28	s	DIODE 1SS400TE-61
D203	8-719-069-28	s	DIODE 1SS400TE-61
D204	8-719-069-28	s	DIODE 1SS400TE-61
D205	8-719-069-28	s	DIODE 1SS400TE-61
D206	8-719-069-28	s	DIODE 1SS400TE-61
D207	8-719-069-28	s	DIODE 1SS400TE-61
D208	8-719-069-28	s	DIODE 1SS400TE-61
D217	8-719-069-28	s	DIODE 1SS400TE-61
D218	8-719-069-28	s	DIODE 1SS400TE-61
D219	8-719-069-28	s	DIODE 1SS400TE-61
D220	8-719-069-28	s	DIODE 1SS400TE-61
D300	8-719-421-72	s	DIODE MA132WA-TX
D301	8-719-421-68	s	DIODE MA132WK-TX
D302	8-719-157-61	s	DIODE RD15M-T1B
D303	8-719-069-28	s	DIODE 1SS400TE-61
D305	8-719-421-68	s	DIODE MA132WK-TX
D307	8-719-069-28	s	DIODE 1SS400TE-61
D309	8-719-069-56	s	DI UDZSUSTE-176.2B
D310	8-719-069-56	s	DI UDZSUSTE-176.2B
D311	8-719-069-28	s	DIODE 1SS400TE-61
D312	8-719-069-28	s	DIODE 1SS400TE-61
D313	8-719-069-28	s	DIODE 1SS400TE-61
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
F1	⚠ 1-533-627-21	s	FUSE (SMD) (5A/125V)
F2	⚠ 1-533-627-21	s	FUSE (SMD) (5A/125V)
FB1	1-400-580-21	s	FERRITE, EMI (SMD)
FB5	1-400-580-21	s	FERRITE, EMI (SMD)
IC9	8-759-338-95	s	IC NJM2903V(TE2)
IC10	6-707-828-01	s	IC MM1431ANRE
IC11	8-759-338-95	s	IC NJM2903V(TE2)
IC12	6-707-828-01	s	IC MM1431ANRE
IC13	6-701-549-01	s	IC LTC1778EGN
IC14	6-702-510-01	s	IC TPS5120DBTRG4
IC17	6-708-889-01	s	IC MP2105DJ-LF-Z
IC18	6-708-889-01	s	IC MP2105DJ-LF-Z
IC21	8-759-338-95	s	IC NJM2903V(TE2)
IC22	8-759-338-95	s	IC NJM2903V(TE2)
IC300	6-707-828-01	s	IC MM1431ANRE
IC301	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC302	8-759-338-95	s	IC NJM2903V(TE2)
IC304	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC305	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC306	6-706-489-01	s	IC TC7SH32FU(T5RSOYJF)
IC307	6-712-939-01	s	IC TPS715A01DRBR
IC308	8-759-588-01	s	IC LTC1473CGN-E2
IC309	6-706-482-01	s	IC TC7SH00FU(T5RSOYJF)
IC310	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC311	8-759-338-95	s	IC NJM2903V(TE2)

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Ref. No. or Q'ty	Part No.	SP	Description
L1	1-456-622-21	s	COIL, CHOKE 1UH
L2	1-456-622-21	s	COIL, CHOKE 1UH
L3	1-457-045-11	s	COIL, CHOKE (8.2UH)
L4	1-457-045-11	s	COIL, CHOKE (8.2UH)
L5	1-457-045-11	s	COIL, CHOKE (8.2UH)
L7	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L8	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L9	1-416-668-41	s	COIL, CHOKE 10UH
L10	1-416-668-41	s	COIL, CHOKE 10UH
L200	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L201	1-456-622-21	s	COIL, CHOKE 1UH
L202	1-456-622-21	s	COIL, CHOKE 1UH
L203	1-456-622-21	s	COIL, CHOKE 1UH
L204	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L205	1-456-622-21	s	COIL, CHOKE 1UH
L206	1-456-622-21	s	COIL, CHOKE 1UH
L207	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L208	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L209	1-456-622-21	s	COIL, CHOKE 1UH
L210	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L211	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L212	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L300	1-414-854-41	s	INDUCTOR (SMD) 1000.0UH
Q10	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q11	6-551-736-01	s	TRANSISTOR FDS6690AS
Q12	6-551-736-01	s	TRANSISTOR FDS6690AS
Q13	6-551-736-01	s	TRANSISTOR FDS6690AS
Q14	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q15	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q16	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q17	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q20	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q23	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q25	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q27	8-729-046-04	s	TRANSISTOR FDS6690A
Q28	8-729-046-04	s	TRANSISTOR FDS6690A
Q29	8-729-046-04	s	TRANSISTOR FDS6690A
Q34	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q35	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q36	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q38	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q40	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q41	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q42	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q43	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q44	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q45	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q46	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q47	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q48	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q49	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q50	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q51	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q52	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q53	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q200	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q201	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q202	8-729-928-28	s	TRANSISTOR DTA144EE-TL

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Ref. No. or Q'ty	Part No.	SP	Description
Q203	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q204	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q205	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q206	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q207	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q208	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q209	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q210	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q211	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q212	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q213	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q214	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q215	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q216	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q217	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q218	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q219	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q220	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q221	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q222	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q223	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q224	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q225	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q226	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q227	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q228	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q229	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q230	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q231	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q232	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q236	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q237	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q238	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q239	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q240	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q241	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q242	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q243	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q244	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q245	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q300	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q301	8-729-024-44	s	TRANSISTOR 2SK2315TYTR
Q302	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q303	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q304	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q305	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q306	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q307	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q308	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q309	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q310	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q311	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q312	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q313	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q316	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q317	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q318	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q319	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q320	8-729-928-28	s	TRANSISTOR DTA144EE-TL

Ref. No. or Q'ty	Part No.	SP	Description
Q321	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R29	1-220-870-81	s	RES, CHIP 10 (1005)
R30	1-208-935-81	s	RES, CHIP 100K (1005)
R31	1-208-911-81	s	RES, CHIP 10K (1005)
R32	1-208-915-81	s	RES, CHIP 15K (1005)
R33	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R34	1-208-907-81	s	RES, CHIP 6.8K (1005)
R35	1-208-907-81	s	RES, CHIP 6.8K (1005)
R36	1-208-907-81	s	RES, CHIP 6.8K (1005)
R37	1-208-903-81	s	RES, CHIP 4.7K (1005)
R38	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R39	1-208-899-81	s	RES, CHIP 3.3K (1005)
R40	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R41	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R42	1-208-899-81	s	RES, CHIP 3.3K (1005)
R43	1-208-927-81	s	RES, CHIP 47K (1005)
R45	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R46	1-208-927-81	s	RES, CHIP 47K (1005)
R47	1-208-927-81	s	RES, CHIP 47K (1005)
R48	1-208-899-81	s	RES, CHIP 3.3K (1005)
R50	1-208-927-81	s	RES, CHIP 47K (1005)
R52	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R53	1-208-879-81	s	RES, CHIP 470 (1005)
R56	1-208-907-81	s	RES, CHIP 6.8K (1005)
R57	1-208-907-81	s	RES, CHIP 6.8K (1005)
R58	1-208-907-81	s	RES, CHIP 6.8K (1005)
R59	1-208-919-81	s	RES, CHIP 22K (1005)
R60	1-208-919-81	s	RES, CHIP 22K (1005)
R62	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R64	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R65	1-208-863-81	s	RES, CHIP 100 (1005)
R66	1-208-863-81	s	RES, CHIP 100 (1005)
R67	1-208-907-81	s	RES, CHIP 6.8K (1005)
R68	1-208-915-81	s	RES, CHIP 15K (1005)
R69	1-208-911-81	s	RES, CHIP 10K (1005)
R70	1-242-967-81	s	RES, CHIP 1.0 (1005)
R71	1-208-911-81	s	RES, CHIP 10K (1005)
R72	1-208-911-81	s	RES, CHIP 10K (1005)
R73	1-208-915-81	s	RES, CHIP 15K (1005)
R74	1-208-911-81	s	RES, CHIP 10K (1005)
R75	1-208-915-81	s	RES, CHIP 15K (1005)
R76	1-208-911-81	s	RES, CHIP 10K (1005)
R77	1-208-927-81	s	RES, CHIP 47K (1005)
R78	1-208-935-81	s	RES, CHIP 100K (1005)
R79	1-208-871-81	s	RES, CHIP 220 (1005)
R80	1-208-935-81	s	RES, CHIP 100K (1005)
R81	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R82	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R83	1-208-959-81	s	RES, CHIP 1M (1005)
R84	1-208-959-81	s	RES, CHIP 1M (1005)
R85	1-208-947-81	s	RES, CHIP 330K (1005)
R86	1-208-915-81	s	RES, CHIP 15K (1005)
R87	1-208-915-81	s	RES, CHIP 15K (1005)
R88	1-208-903-81	s	RES, CHIP 4.7K (1005)
R90	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R92	1-220-870-81	s	RES, CHIP 10 (1005)
R93	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R94	1-208-899-81	s	RES, CHIP 3.3K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R95	1-220-870-81	s	RES, CHIP 10 (1005)
R96	1-208-903-81	s	RES, CHIP 4.7K (1005)
R97	1-208-903-81	s	RES, CHIP 4.7K (1005)
R100	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R101	1-208-919-81	s	RES, CHIP 22K (1005)
R102	1-208-919-81	s	RES, CHIP 22K (1005)
R103	1-208-895-81	s	RES, CHIP 2.2K (1005)
R104	1-208-903-81	s	RES, CHIP 4.7K (1005)
R105	1-208-903-81	s	RES, CHIP 4.7K (1005)
R124	1-208-935-81	s	RES, CHIP 100K (1005)
R125	1-208-935-81	s	RES, CHIP 100K (1005)
R126	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R127	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R128	1-208-951-81	s	RES, CHIP 470K (1005)
R129	1-208-947-81	s	RES, CHIP 330K (1005)
R130	1-208-947-81	s	RES, CHIP 330K (1005)
R131	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R132	1-208-951-81	s	RES, CHIP 470K (1005)
R133	1-208-947-81	s	RES, CHIP 330K (1005)
R134	1-208-927-81	s	RES, CHIP 47K (1005)
R135	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R136	1-208-911-81	s	RES, CHIP 10K (1005)
R138	1-208-911-81	s	RES, CHIP 10K (1005)
R140	1-220-870-81	s	RES, CHIP 10 (1005)
R141	1-208-935-81	s	RES, CHIP 100K (1005)
R142	1-208-911-81	s	RES, CHIP 10K (1005)
R143	1-208-915-81	s	RES, CHIP 15K (1005)
R144	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R145	1-208-927-81	s	RES, CHIP 47K (1005)
R147	1-208-927-81	s	RES, CHIP 47K (1005)
R148	1-208-927-81	s	RES, CHIP 47K (1005)
R149	1-208-927-81	s	RES, CHIP 47K (1005)
R150	1-208-879-81	s	RES, CHIP 470 (1005)
R151	1-220-870-81	s	RES, CHIP 10 (1005)
R152	1-208-935-81	s	RES, CHIP 100K (1005)
R153	1-208-911-81	s	RES, CHIP 10K (1005)
R154	1-208-915-81	s	RES, CHIP 15K (1005)
R155	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R156	1-208-927-81	s	RES, CHIP 47K (1005)
R158	1-208-927-81	s	RES, CHIP 47K (1005)
R159	1-208-927-81	s	RES, CHIP 47K (1005)
R160	1-208-927-81	s	RES, CHIP 47K (1005)
R161	1-208-879-81	s	RES, CHIP 470 (1005)
R162	1-208-935-81	s	RES, CHIP 100K (1005)
R163	1-208-903-81	s	RES, CHIP 4.7K (1005)
R164	1-208-903-81	s	RES, CHIP 4.7K (1005)
R165	1-208-903-81	s	RES, CHIP 4.7K (1005)
R200	1-208-959-81	s	RES, CHIP 1M (1005)
R201	1-208-959-81	s	RES, CHIP 1M (1005)
R202	1-208-959-81	s	RES, CHIP 1M (1005)
R203	1-208-959-81	s	RES, CHIP 1M (1005)
R204	1-208-959-81	s	RES, CHIP 1M (1005)
R205	1-208-959-81	s	RES, CHIP 1M (1005)
R206	1-208-959-81	s	RES, CHIP 1M (1005)
R207	1-208-959-81	s	RES, CHIP 1M (1005)
R223	1-208-959-81	s	RES, CHIP 1M (1005)
R224	1-208-959-81	s	RES, CHIP 1M (1005)
R225	1-208-959-81	s	RES, CHIP 1M (1005)
R227	1-208-911-81	s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R228	1-208-911-81	s	RES, CHIP 10K (1005)
R229	1-208-911-81	s	RES, CHIP 10K (1005)
R230	1-208-911-81	s	RES, CHIP 10K (1005)
R231	1-208-927-81	s	RES, CHIP 47K (1005)
R232	1-208-927-81	s	RES, CHIP 47K (1005)
R233	1-208-927-81	s	RES, CHIP 47K (1005)
R234	1-208-927-81	s	RES, CHIP 47K (1005)
R235	1-208-927-81	s	RES, CHIP 47K (1005)
R236	1-208-927-81	s	RES, CHIP 47K (1005)
R237	1-208-927-81	s	RES, CHIP 47K (1005)
R238	1-208-927-81	s	RES, CHIP 47K (1005)
R239	1-208-927-81	s	RES, CHIP 47K (1005)
R240	1-208-927-81	s	RES, CHIP 47K (1005)
R241	1-208-927-81	s	RES, CHIP 47K (1005)
R242	1-208-927-81	s	RES, CHIP 47K (1005)
R243	1-208-927-81	s	RES, CHIP 47K (1005)
R244	1-208-927-81	s	RES, CHIP 47K (1005)
R245	1-208-927-81	s	RES, CHIP 47K (1005)
R246	1-208-927-81	s	RES, CHIP 47K (1005)
R247	1-208-927-81	s	RES, CHIP 47K (1005)
R248	1-208-927-81	s	RES, CHIP 47K (1005)
R251	1-208-959-81	s	RES, CHIP 1M (1005)
R252	1-208-927-81	s	RES, CHIP 47K (1005)
R253	1-208-927-81	s	RES, CHIP 47K (1005)
R254	1-208-943-81	s	RES, CHIP 220K (1005)
R255	1-208-943-81	s	RES, CHIP 220K (1005)
R256	1-208-943-81	s	RES, CHIP 220K (1005)
R257	1-208-943-81	s	RES, CHIP 220K (1005)
R258	1-208-943-81	s	RES, CHIP 220K (1005)
R259	1-208-943-81	s	RES, CHIP 220K (1005)
R260	1-208-943-81	s	RES, CHIP 220K (1005)
R261	1-208-943-81	s	RES, CHIP 220K (1005)
R262	1-208-943-81	s	RES, CHIP 220K (1005)
R263	1-208-943-81	s	RES, CHIP 220K (1005)
R264	1-208-943-81	s	RES, CHIP 220K (1005)
R265	1-208-943-81	s	RES, CHIP 220K (1005)
R266	1-208-959-81	s	RES, CHIP 1M (1005)
R267	1-208-943-81	s	RES, CHIP 220K (1005)
R268	1-208-927-81	s	RES, CHIP 47K (1005)
R269	1-208-927-81	s	RES, CHIP 47K (1005)
R300	1-208-935-81	s	RES, CHIP 100K (1005)
R301	1-208-887-81	s	RES, CHIP 1.0K (1005)
R302	1-208-943-81	s	RES, CHIP 220K (1005)
R303	1-208-935-81	s	RES, CHIP 100K (1005)
R305	1-208-927-81	s	RES, CHIP 47K (1005)
R308	1-208-943-81	s	RES, CHIP 220K (1005)
R309	1-208-935-81	s	RES, CHIP 100K (1005)
R310	1-208-935-81	s	RES, CHIP 100K (1005)
R312	1-208-927-81	s	RES, CHIP 47K (1005)
R316	1-208-911-81	s	RES, CHIP 10K (1005)
R318	1-208-935-81	s	RES, CHIP 100K (1005)
R319	1-208-927-81	s	RES, CHIP 47K (1005)
R321	1-208-959-81	s	RES, CHIP 1M (1005)
R322	1-208-927-81	s	RES, CHIP 47K (1005)
R324	1-208-935-81	s	RES, CHIP 100K (1005)
R325	1-208-887-81	s	RES, CHIP 1.0K (1005)
R326	1-208-887-81	s	RES, CHIP 1.0K (1005)
R327	1-208-887-81	s	RES, CHIP 1.0K (1005)
R331	1-208-919-81	s	RES, CHIP 22K (1005)

Ref. No. or Q'ty	Part No.	SP	Description
R332	1-208-887-81	s	RES, CHIP 1.0K (1005)
R333	1-208-879-81	s	RES, CHIP 470 (1005)
R334	1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R338	1-208-935-81	s	RES, CHIP 100K (1005)
R339	1-208-935-81	s	RES, CHIP 100K (1005)
R341	1-208-959-81	s	RES, CHIP 1M (1005)
R342	1-208-927-81	s	RES, CHIP 47K (1005)
R348	1-208-919-81	s	RES, CHIP 22K (1005)
R350	1-208-935-81	s	RES, CHIP 100K (1005)
R351	1-208-935-81	s	RES, CHIP 100K (1005)
R352	1-208-923-81	s	RES, CHIP 33K (1005)
R353	1-208-927-81	s	RES, CHIP 47K (1005)
R354	1-208-939-81	s	RES, CHIP 150K (1005)
R355	1-208-911-81	s	RES, CHIP 10K (1005)
R356	1-208-927-81	s	RES, CHIP 47K (1005)
R357	1-208-927-81	s	RES, CHIP 47K (1005)
R358	1-208-959-81	s	RES, CHIP 1M (1005)
R359	1-220-878-81	s	RES, CHIP 22 (1005)
R362	1-208-959-81	s	RES, CHIP 1M (1005)
R363	1-208-959-81	s	RES, CHIP 1M (1005)
R364	1-208-951-81	s	RES, CHIP 470K (1005)
R365	1-208-939-81	s	RES, CHIP 150K (1005)
R366	1-208-943-81	s	RES, CHIP 220K (1005)

RE-261 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1550-169-A	s	MOUNTED CIRCUIT BOARD, RE-261
C4	1-112-015-91	s	CAP, CHIP CERAMIC 47MF B 3225
C7	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C8	1-164-933-81	s	CAP, CHIP CERAMIC 220PF B 1005
C9	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C10	1-112-785-11	s	CAP, ELECT(SOLID)
C11	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C12	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C13	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C14	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C15	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-107-819-81	s	CAP,CHIP CERAMIC 22000PF B1005
C17	1-119-923-81	s	CAP, CERAMIC 0.047MF B 1005
C19	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C25	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C26	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C27	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C34	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C35	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C36	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C64	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C65	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C67	1-112-863-91	s	CAP, CERAMIC 0.22MF B (1005)
C68	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C72	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C101	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C102	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C103	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C104	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C105	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C109	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C110	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C111	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C112	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C113	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C114	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C115	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C116	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C117	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C118	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C119	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C120	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C121	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C1002	1-100-276-21	s	CAP, ELECT 22MF (5.0X6.5)
C1003	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C1004	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1005	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C1007	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C1008	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1014	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1015	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1016	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
D5	8-719-051-04	s	DIODE EC10QS04-TE12L5
D8	8-719-051-04	s	DIODE EC10QS04-TE12L5
D10	8-719-069-28	s	DIODE 1SS400TE-61
D16	8-719-069-28	s	DIODE 1SS400TE-61
D17	8-719-069-28	s	DIODE 1SS400TE-61

Ref. No. or Q'ty	Part No.	SP	Description
D18	8-719-069-28	s	DIODE 1SS400TE-61
D19	8-719-069-28	s	DIODE 1SS400TE-61
D20	8-719-069-28	s	DIODE 1SS400TE-61
D21	8-719-069-28	s	DIODE 1SS400TE-61
D22	8-719-069-28	s	DIODE 1SS400TE-61
D200	8-719-069-28	s	DIODE 1SS400TE-61
D201	8-719-069-28	s	DIODE 1SS400TE-61
D202	8-719-069-28	s	DIODE 1SS400TE-61
D203	8-719-069-28	s	DIODE 1SS400TE-61
D1000	8-719-938-77	s	DIODE SB05-05C-TB-E
D1001	8-719-938-77	s	DIODE SB05-05C-TB-E
E1000	1-535-877-22	s	CHIP, CHECKER
IC4	6-703-721-01	s	IC TPS54310PWPR
IC5	6-705-481-01	s	IC LT1931ES5#TR
IC6	6-705-480-01	s	IC LT3467ES6#TR
IC7	8-759-338-95	s	IC NJM2903V(TE2)
IC8	6-707-828-01	s	IC MM1431ANRE
IC10	6-712-939-01	s	IC TPS715A01DRBR
IC1001	6-807-890-01	s	IC UPD78F0533AGB(S)-404-UEU-A
IC1008	6-703-879-01	s	IC NJU7043RB1(TE2)
L1	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L2	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L3	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L4	1-456-046-21	s	COIL, CHOKE (SMD) 10UH(10X10)
L5	1-457-248-11	s	COIL, CHOKE 10UH
L6	1-457-248-11	s	COIL, CHOKE 10UH
L9	1-457-248-11	s	COIL, CHOKE 10UH
L100	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L101	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L103	1-456-622-21	s	COIL, CHOKE 1UH
L104	1-456-622-21	s	COIL, CHOKE 1UH
L105	1-456-622-21	s	COIL, CHOKE 1UH
L106	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
Q7	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q17	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q18	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q21	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q22	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q24	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q25	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q26	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q27	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q28	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q29	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q100	6-551-265-01	s	TRANSISTOR SI2307BDS-T1
Q101	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q102	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q103	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q104	8-729-928-28	s	TRANSISTOR DTA144EE-TL
Q107	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q108	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q109	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q112	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q113	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q114	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q115	6-551-523-01	s	TRANSISTOR SI7114DN-T1-E3
Q116	8-729-928-28	s	TRANSISTOR DTA144EE-TL

(RE-261 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q117	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q118	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q119	6-551-265-01	s	TRANSISTOR SI2307BDS-T1
Q1000	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1001	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1002	8-729-929-27	s	TRANSISTOR DTC114TE-TL
Q1003	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R16	1-208-907-81	s	RES, CHIP 6.8K (1005)
R17	1-208-927-81	s	RES, CHIP 47K (1005)
R18	1-208-935-81	s	RES, CHIP 100K (1005)
R19	1-208-907-81	s	RES, CHIP 6.8K (1005)
R20	1-208-927-81	s	RES, CHIP 47K (1005)
R21	1-208-923-81	s	RES, CHIP 33K (1005)
R22	1-208-911-81	s	RES, CHIP 10K (1005)
R23	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R24	1-220-878-81	s	RES, CHIP 22 (1005)
R29	1-208-915-81	s	RES, CHIP 15K (1005)
R30	1-208-935-81	s	RES, CHIP 100K (1005)
R43	1-208-923-81	s	RES, CHIP 33K (1005)
R44	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R45	1-208-883-81	s	RES, CHIP 680 (1005)
R46	1-208-895-81	s	RES, CHIP 2.2K (1005)
R47	1-208-911-81	s	RES, CHIP 10K (1005)
R48	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R49	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R50	1-208-943-81	s	RES, CHIP 220K (1005)
R51	1-208-919-81	s	RES, CHIP 22K (1005)
R52	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R67	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R73	1-208-911-81	s	RES, CHIP 10K (1005)
R88	1-208-935-81	s	RES, CHIP 100K (1005)
R89	1-220-870-81	s	RES, CHIP 10 (1005)
R90	1-208-935-81	s	RES, CHIP 100K (1005)
R91	1-208-915-81	s	RES, CHIP 15K (1005)
R92	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R93	1-208-935-81	s	RES, CHIP 100K (1005)
R94	1-208-911-81	s	RES, CHIP 10K (1005)
R95	1-208-927-81	s	RES, CHIP 47K (1005)
R97	1-208-927-81	s	RES, CHIP 47K (1005)
R98	1-208-927-81	s	RES, CHIP 47K (1005)
R99	1-208-927-81	s	RES, CHIP 47K (1005)
R100	1-208-951-81	s	RES, CHIP 470K (1005)
R101	1-208-959-81	s	RES, CHIP 1M (1005)
R102	1-208-959-81	s	RES, CHIP 1M (1005)
R103	1-208-959-81	s	RES, CHIP 1M (1005)
R106	1-208-927-81	s	RES, CHIP 47K (1005)
R107	1-208-927-81	s	RES, CHIP 47K (1005)
R108	1-208-927-81	s	RES, CHIP 47K (1005)
R109	1-208-927-81	s	RES, CHIP 47K (1005)
R110	1-208-927-81	s	RES, CHIP 47K (1005)
R111	1-208-927-81	s	RES, CHIP 47K (1005)
R112	1-208-959-81	s	RES, CHIP 1M (1005)
R113	1-208-951-81	s	RES, CHIP 470K (1005)
R114	1-208-927-81	s	RES, CHIP 47K (1005)
R115	1-208-927-81	s	RES, CHIP 47K (1005)
R116	1-208-943-81	s	RES, CHIP 220K (1005)
R117	1-208-943-81	s	RES, CHIP 220K (1005)
R118	1-208-943-81	s	RES, CHIP 220K (1005)

(RE-261 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R119	1-208-943-81	s	RES, CHIP 220K (1005)
R120	1-208-951-81	s	RES, CHIP 470K (1005)
R121	1-208-951-81	s	RES, CHIP 470K (1005)
R150	1-208-907-81	s	RES, CHIP 6.8K (1005)
R151	1-208-907-81	s	RES, CHIP 6.8K (1005)
R152	1-208-907-81	s	RES, CHIP 6.8K (1005)
R153	1-208-879-81	s	RES, CHIP 470 (1005)
R156	1-208-919-81	s	RES, CHIP 22K (1005)
R157	1-208-899-81	s	RES, CHIP 3.3K (1005)
R158	1-208-955-81	s	RES, CHIP 680K (1005)
R159	1-208-935-81	s	RES, CHIP 100K (1005)
R160	1-208-955-81	s	RES, CHIP 680K (1005)
R161	1-208-927-81	s	RES, CHIP 47K (1005)
R1007	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1015	1-208-911-81	s	RES, CHIP 10K (1005)
R1016	1-208-911-81	s	RES, CHIP 10K (1005)
R1017	1-208-887-81	s	RES, CHIP 1.0K (1005)
R1018	1-208-911-81	s	RES, CHIP 10K (1005)
R1019	1-208-911-81	s	RES, CHIP 10K (1005)
R1020	1-208-911-81	s	RES, CHIP 10K (1005)
R1021	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1022	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1027	1-208-911-81	s	RES, CHIP 10K (1005)
R1030	1-208-927-81	s	RES, CHIP 47K (1005)
R1065	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1066	1-208-911-81	s	RES, CHIP 10K (1005)
R1067	1-208-863-81	s	RES, CHIP 100 (1005)
R1068	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1070	1-208-935-81	s	RES, CHIP 100K (1005)
R1071	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1075	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1091	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1127	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1128	1-208-927-81	s	RES, CHIP 47K (1005)
R1129	1-208-927-81	s	RES, CHIP 47K (1005)
R1130	1-208-927-81	s	RES, CHIP 47K (1005)
R1131	1-208-927-81	s	RES, CHIP 47K (1005)
R1132	1-208-927-81	s	RES, CHIP 47K (1005)
R1133	1-208-935-81	s	RES, CHIP 100K (1005)
R1134	1-208-863-81	s	RES, CHIP 100 (1005)
R1135	1-208-863-81	s	RES, CHIP 100 (1005)
R1136	1-208-895-81	s	RES, CHIP 2.2K (1005)
R1137	1-208-935-81	s	RES, CHIP 100K (1005)
R1138	1-208-935-81	s	RES, CHIP 100K (1005)
RB1000	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1001	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1002	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1003	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1004	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1005	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB1006	1-234-380-21	o	RES, NETWORK 47K (1005X4)

RM-214 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-711-A	s	MOUNTED CIRCUIT BOARD, RM-214
C1	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
CN1	1-817-054-21	s	PIN, CONNECTOR 6P
D1	8-719-077-09	s	DIODE CL-196HR-CD-T
IC1	8-749-012-17	s	IC RS-140-T
Q1	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q2	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
R1	1-208-855-81	s	RES, CHIP 47 (1005)
R2	1-208-871-81	s	RES, CHIP 220 (1005)
R3	1-218-847-91	s	RES, CHIP 1.0K (1608)
R4	1-208-863-81	s	RES, CHIP 100 (1005)

SE-923 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-723-A	s	MOUNTED CIRCUIT BOARD, SE-923
C100	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
PH100	8-719-069-53	s	DIODE CPI-210-T
PH101	8-719-069-53	s	DIODE CPI-210-T
R100	1-208-879-81	s	RES, CHIP 470 (1005)
R101	1-208-887-81	s	RES, CHIP 1.0K (1005)
R102	1-208-879-81	s	RES, CHIP 470 (1005)
R103	1-208-887-81	s	RES, CHIP 1.0K (1005)

SW-1389 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-722-A	s	MOUNTED CIRCUIT BOARD, SW-1389
C501	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C508	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C516	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C517	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C518	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C519	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
CN500	1-815-039-61	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
D501	6-502-153-01	o	DI MAZT082HG8S0
D502	6-502-153-01	o	DI MAZT082HG8S0
R509	1-208-907-81	s	RES, CHIP 6.8K (1005)
R510	1-208-907-81	s	RES, CHIP 6.8K (1005)
R511	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R512	1-208-895-81	s	RES, CHIP 2.2K (1005)
R513	1-208-895-81	s	RES, CHIP 2.2K (1005)
R515	1-208-895-81	s	RES, CHIP 2.2K (1005)
S501	1-786-157-51	s	TACTILE SWITCH
S502	1-762-650-21	s	SWITCH, SLIDE
S503	1-786-157-51	s	TACTILE SWITCH

SW-1410 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-696-A	s	MOUNTED CIRCUIT BOARD, SW-1410
CN300	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
D300	8-719-820-42	s	DIODE 1SS302-TE85L
D301	6-502-153-01	o	DI MAZT082HG8S0
R300	1-208-895-81	s	RES, CHIP 2.2K (1005)
R301	1-208-895-81	s	RES, CHIP 2.2K (1005)
R302	1-208-895-81	s	RES, CHIP 2.2K (1005)
R303	1-216-864-91	s	CONDUCTOR, CHIP (1608)
S300	1-786-157-51	s	TACTILE SWITCH
S301	1-771-487-21	s	SWITCH, SLIDE

SW-1411 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-697-A	s	MOUNTED CIRCUIT BOARD, SW-1411
D400	8-719-820-42	s	DIODE 1SS302-TE85L
D401	8-719-820-42	s	DIODE 1SS302-TE85L
D402	8-719-820-42	s	DIODE 1SS302-TE85L
D403	8-719-820-42	s	DIODE 1SS302-TE85L
D404	8-719-820-42	s	DIODE 1SS302-TE85L
R400	1-208-895-81	s	RES, CHIP 2.2K (1005)
R401	1-208-895-81	s	RES, CHIP 2.2K (1005)
R402	1-208-895-81	s	RES, CHIP 2.2K (1005)
R403	1-208-895-81	s	RES, CHIP 2.2K (1005)
R404	1-208-895-81	s	RES, CHIP 2.2K (1005)
S400	1-786-157-51	s	TACTILE SWITCH
S401	1-570-985-21	s	SWITCH, TOGGLE
S402	1-570-985-21	s	SWITCH, TOGGLE

SW-1412 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-698-A	s	MOUNTED CIRCUIT BOARD, SW-1412
CN100	1-818-210-21	s	PIN, CONNECTOR 2P
S100	1-786-157-51	s	TACTILE SWITCH

SWC-48 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-694-A	s	MOUNTED CIRCUIT BOARD, SWC-48
C602	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C603	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C604	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C605	1-112-300-91	s	CAP, CERAMIC 4.7MF B (2012)
C606	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C607	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C608	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C609	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C610	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C611	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C612	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN700	1-774-260-31	s	CONNECTOR, FFC/FPC(ZIF) AN 20P
D200	8-719-820-42	s	DIODE 1SS302-TE85L
D201	8-719-820-42	s	DIODE 1SS302-TE85L
D202	8-719-820-42	s	DIODE 1SS302-TE85L
D203	8-719-820-42	s	DIODE 1SS302-TE85L
D204	8-719-820-42	s	DIODE 1SS302-TE85L
D205	8-719-820-42	s	DIODE 1SS302-TE85L
D500	8-719-820-42	s	DIODE 1SS302-TE85L
D503	6-501-052-02	s	DIODE CL-197HB1-D-T
D504	6-501-052-02	s	DIODE CL-197HB1-D-T
D505	6-501-052-02	s	DIODE CL-197HB1-D-T
D600	8-719-820-42	s	DIODE 1SS302-TE85L
D601	8-719-820-42	s	DIODE 1SS302-TE85L
D602	8-719-820-42	s	DIODE 1SS302-TE85L
D700	8-719-820-42	s	DIODE 1SS302-TE85L
D701	8-719-820-42	s	DIODE 1SS302-TE85L
D702	8-719-820-42	s	DIODE 1SS302-TE85L
EN600	1-467-973-11	s	ENCODER, ROTARY
IC602	6-700-217-01	s	IC TC7SZ14FU(TE85R)
IC603	6-700-217-01	s	IC TC7SZ14FU(TE85R)
Q500	8-729-929-09	s	TRANSISTOR DTC123JE-TL
Q503	8-729-929-09	s	TRANSISTOR DTC123JE-TL
R200	1-208-895-81	s	RES, CHIP 2.2K (1005)
R201	1-208-895-81	s	RES, CHIP 2.2K (1005)
R202	1-208-895-81	s	RES, CHIP 2.2K (1005)
R203	1-208-895-81	s	RES, CHIP 2.2K (1005)
R204	1-208-927-81	s	RES, CHIP 47K (1005)
R205	1-208-927-81	s	RES, CHIP 47K (1005)
R206	1-208-895-81	s	RES, CHIP 2.2K (1005)
R207	1-208-895-81	s	RES, CHIP 2.2K (1005)
R500	1-208-895-81	s	RES, CHIP 2.2K (1005)
R502	1-208-863-81	s	RES, CHIP 100 (1005)
R509	1-208-863-81	s	RES, CHIP 100 (1005)
R510	1-208-863-81	s	RES, CHIP 100 (1005)
R511	1-208-863-81	s	RES, CHIP 100 (1005)
R603	1-208-911-81	s	RES, CHIP 10K (1005)
R604	1-208-911-81	s	RES, CHIP 10K (1005)
R605	1-208-927-81	s	RES, CHIP 47K (1005)
R606	1-208-887-81	s	RES, CHIP 1.0K (1005)
R607	1-208-911-81	s	RES, CHIP 10K (1005)
R608	1-208-911-81	s	RES, CHIP 10K (1005)
R609	1-208-911-81	s	RES, CHIP 10K (1005)

(SWC-48 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R610	1-208-887-81	s	RES, CHIP 1.0K (1005)
R612	1-208-911-81	s	RES, CHIP 10K (1005)
R616	1-208-911-81	s	RES, CHIP 10K (1005)
R617	1-208-863-81	s	RES, CHIP 100 (1005)
R618	1-208-863-81	s	RES, CHIP 100 (1005)
R619	1-208-895-81	s	RES, CHIP 2.2K (1005)
R620	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R621	1-208-927-81	s	RES, CHIP 47K (1005)
R622	1-208-911-81	s	RES, CHIP 10K (1005)
R623	1-208-911-81	s	RES, CHIP 10K (1005)
R626	1-208-895-81	s	RES, CHIP 2.2K (1005)
R627	1-208-895-81	s	RES, CHIP 2.2K (1005)
R700	1-208-895-81	s	RES, CHIP 2.2K (1005)
R701	1-208-895-81	s	RES, CHIP 2.2K (1005)
R702	1-208-895-81	s	RES, CHIP 2.2K (1005)
R703	1-208-927-81	s	RES, CHIP 47K (1005)
R704	1-208-927-81	s	RES, CHIP 47K (1005)
RB600	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB601	1-234-380-21	o	RES, NETWORK 47K (1005X4)
RB602	1-234-380-21	o	RES, NETWORK 47K (1005X4)
S200	1-786-157-51	s	TACTILE SWITCH
S201	1-786-157-51	s	TACTILE SWITCH
S202	1-786-157-51	s	TACTILE SWITCH
S500	1-786-806-13	s	SWITCH, TACT (WITH LED)
S700	1-786-157-51	s	TACTILE SWITCH
S701	1-786-157-51	s	TACTILE SWITCH
S702	1-786-157-51	s	TACTILE SWITCH

SWC-49 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1545-706-A	s	MOUNTED CIRCUIT BOARD, SWC-49
CN100	1-778-645-31	s	CONNECTOR, FFC/FPC(ZIF) AN 10P
D100	8-719-820-42	s	DIODE 1SS302-TE85L
D101	8-719-820-42	s	DIODE 1SS302-TE85L
D102	8-719-820-42	s	DIODE 1SS302-TE85L
D103	8-719-820-42	s	DIODE 1SS302-TE85L
Q100	8-729-929-09	s	TRANSISTOR DTC123JE-TL
R100	1-208-895-81	s	RES, CHIP 2.2K (1005)
R101	1-208-895-81	s	RES, CHIP 2.2K (1005)
R102	1-208-895-81	s	RES, CHIP 2.2K (1005)
R103	1-208-895-81	s	RES, CHIP 2.2K (1005)
R107	1-208-863-81	s	RES, CHIP 100 (1005)
R108	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R109	1-208-927-81	s	RES, CHIP 47K (1005)
S100	1-786-806-13	s	SWITCH, TACT (WITH LED)
S101	1-786-157-51	s	TACTILE SWITCH
S102	1-786-157-51	s	TACTILE SWITCH
S103	1-786-157-51	s	TACTILE SWITCH

TX-129 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1563-418-A	s	MOUNTED CIRCUIT BOARD, TX-129
C100	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C101	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C102	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C105	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C106	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C200	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C203	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C204	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C205	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C206	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C207	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C208	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C209	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C210	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C211	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C212	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C213	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C214	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C215	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C216	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C300	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C301	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C302	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C304	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C305	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C307	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C310	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C314	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C317	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C319	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C320	1-165-884-91	s	CAP, CERAMIC 2.2MF (1608)
C322	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C323	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C324	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C325	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C328	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C329	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C330	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C332	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C333	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C334	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C337	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C345	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C400	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C401	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C402	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C403	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C500	1-112-298-91	o	CAP, CERAMIC 1MF B (1608)
C501	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C502	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C503	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C504	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C505	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C506	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C507	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C508	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C509	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005

(TX-129 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C510	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C511	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C512	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C513	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C514	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C515	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C516	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C517	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C518	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C519	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C520	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C521	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C522	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C702	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C703	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C704	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C705	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C706	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C707	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C708	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C709	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C710	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C711	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C714	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C715	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C716	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C717	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C718	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C720	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C800	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C803	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C804	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C805	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C806	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C807	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C808	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C809	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C810	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C811	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C812	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C813	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C814	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C815	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C816	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C817	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C818	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C819	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C820	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C900	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C902	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C903	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C904	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C905	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C906	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C907	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C908	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C909	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C910	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C913	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C914	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C915	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C916	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C917	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C918	1-164-880-81	s	CAP,CHIP CERAMIC 180PF CH 1005
C920	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C921	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C1002	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1003	1-112-717-91	s	CAP, CERAMIC 1UF B (1005)
C1005	1-164-862-81	s	CAP, CHIP CERAMIC 33PF CH 1005
C1006	1-164-880-81	s	CAP,CHIP CERAMIC 180PF CH 1005
C1009	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1010	1-112-324-91	s	CAP, CERAMIC 0.47MF C (1005)
C1011	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1012	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1013	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1014	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1015	1-100-567-81	s	CAP,CHIP CERAMIC 0.01MF B 1005
C1016	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1017	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1018	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1019	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1020	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1021	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C1022	1-112-746-91	s	CAP, CERAMIC 4.7MF B (1608)
C1023	1-112-815-91	s	CAP, CERAMIC 10MF C (1608)
C1024	1-100-611-91	s	CAP, CERAMIC 22MF C (2012)
C1025	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
CN100	1-820-560-21	s	CONNECTOR, COAXIAL(RECEPTACLE)
CN500	1-764-243-31	o	CONNECTOR (COAXIAL)
CN700	1-815-804-21	s	PIN, CONNECTOR 15P
CN800	1-820-560-21	s	CONNECTOR, COAXIAL(RECEPTACLE)
CN901	1-817-871-21	s	PIN, CONNECTOR 15P
D900	8-719-024-71	s	DIODE 1SS362-TE85L
D901	8-719-024-71	s	DIODE 1SS362-TE85L
D902	8-719-024-71	s	DIODE 1SS362-TE85L
D903	8-719-024-71	s	DIODE 1SS362-TE85L
D904	8-719-036-68	s	DIODE RD2.7SB-T1
D905	8-719-024-71	s	DIODE 1SS362-TE85L
D906	8-719-036-68	s	DIODE RD2.7SB-T1
D907	8-719-024-71	s	DIODE 1SS362-TE85L
D910	8-719-024-71	s	DIODE 1SS362-TE85L
E700	1-535-877-22	s	CHIP, CHECKER
E701	1-535-877-22	s	CHIP, CHECKER
E702	1-535-877-22	s	CHIP, CHECKER
E703	1-535-877-22	s	CHIP, CHECKER
FB700	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB701	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB702	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB800	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB801	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB802	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB803	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB804	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB1000	1-400-580-21	s	FERRITE, EMI (SMD)
FB1001	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
IC103	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC105	6-709-322-01	s	IC TC7WH123FK(TE85R)

(TX-129 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC300	6-707-872-01	s	IC TC74VHC221AFT(EKJ)
IC301	6-709-646-01	s	IC TLC2933AIPWR
IC302	6-709-646-01	s	IC TLC2933AIPWR
IC304	6-703-879-01	s	IC NJU7043RB1(TE2)
IC305	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC306	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC309	8-759-592-48	s	IC TC7SZ32FU(TE85R)
IC702	6-711-055-01	s	IC LTC3526BEDC#TR
IC802	8-759-392-77	s	IC SN74LVC245APWR
IC803	8-759-594-17	o	IC CXD9093R
IC804	6-701-905-01	s	IC AM26C31CDBR
IC805	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC807	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC808	8-759-669-41	s	IC SN74LVC125APWR-12
IC900	8-759-278-58	s	IC NJM4558V-TE2
IC901	8-759-338-95	s	IC NJM2903V(TE2)
IC902	6-712-902-01	s	IC LMH1980MM
IC903	8-759-276-87	s	IC NJM4565M-A(TE2)
IC906	8-759-287-55	s	IC TC7S66FU(TE85R)
IC907	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC1000	6-706-879-01	s	IC TPS62020DRCR
IC1001	6-708-464-01	o	IC R1114Q251D-TR-FA
L300	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L303	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L304	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L306	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L500	1-414-801-21	s	INDUCTOR 5.6NH (1005)
L501	1-414-801-21	s	INDUCTOR 5.6NH (1005)
L700	1-456-136-21	s	CHOKE COIL (10UH) (5.0X5.0)
L701	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L702	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L703	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L704	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L705	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L706	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L800	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L900	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L901	1-412-943-21	s	INDUCTOR 2.2UH (2520)
L1001	1-414-392-41	s	INDUCTOR (SMD) 1.0UH
L1002	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1003	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1004	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1005	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1006	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1007	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
L1008	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L1009	1-414-396-41	s	INDUCTOR (SMD) 4.7UH
PH800	8-749-014-35	s	IC HCPL-0630-500
Q1	8-729-144-81	s	TRANSISTOR 2SC4176T1B33B34B35
Q300	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q301	8-729-928-25	s	TRANSISTOR 2SA1774TL-QR
Q1001	6-550-832-01	s	TRANSISTOR SI2301BDS-T1
Q1003	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
Q1004	6-550-119-01	s	TRANSISTOR DTC144EMFS6T2L
R102	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R103	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R104	1-218-990-81	s	CONDUCTOR, CHIP (1005)

(TX-129 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R105	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R113	1-208-935-81	s	RES, CHIP 100K (1005)
R200	1-208-935-81	s	RES, CHIP 100K (1005)
R201	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R202	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R203	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R204	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R208	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R209	1-208-875-81	s	RES, CHIP 330 (1005)
R210	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R211	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R212	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R213	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R215	1-208-903-81	s	RES, CHIP 4.7K (1005)
R216	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R217	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R218	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R219	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R221	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R223	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R225	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R226	1-208-903-81	s	RES, CHIP 4.7K (1005)
R300	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R302	1-208-863-81	s	RES, CHIP 100 (1005)
R303	1-208-863-81	s	RES, CHIP 100 (1005)
R304	1-208-919-81	s	RES, CHIP 22K (1005)
R308	1-208-863-81	s	RES, CHIP 100 (1005)
R309	1-208-863-81	s	RES, CHIP 100 (1005)
R310	1-208-887-81	s	RES, CHIP 1.0K (1005)
R311	1-208-887-81	s	RES, CHIP 1.0K (1005)
R312	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R316	1-208-887-81	s	RES, CHIP 1.0K (1005)
R319	1-208-919-81	s	RES, CHIP 22K (1005)
R320	1-208-919-81	s	RES, CHIP 22K (1005)
R321	1-208-959-81	s	RES, CHIP 1M (1005)
R322	1-208-911-81	s	RES, CHIP 10K (1005)
R325	1-208-887-81	s	RES, CHIP 1.0K (1005)
R327	1-208-911-81	s	RES, CHIP 10K (1005)
R328	1-208-911-81	s	RES, CHIP 10K (1005)
R330	1-208-903-81	s	RES, CHIP 4.7K (1005)
R331	1-208-903-81	s	RES, CHIP 4.7K (1005)
R335	1-220-878-81	s	RES, CHIP 22 (1005)
R338	1-220-870-81	s	RES, CHIP 10 (1005)
R342	1-208-919-81	s	RES, CHIP 22K (1005)
R343	1-208-919-81	s	RES, CHIP 22K (1005)
R344	1-208-959-81	s	RES, CHIP 1M (1005)
R348	1-220-878-81	s	RES, CHIP 22 (1005)
R349	1-208-935-81	s	RES, CHIP 100K (1005)
R401	1-208-911-81	s	RES, CHIP 10K (1005)
R403	1-208-911-81	s	RES, CHIP 10K (1005)
R404	1-208-927-81	s	RES, CHIP 47K (1005)
R407	1-208-911-81	s	RES, CHIP 10K (1005)
R408	1-208-927-81	s	RES, CHIP 47K (1005)
R410	1-208-927-81	s	RES, CHIP 47K (1005)
R412	1-208-927-81	s	RES, CHIP 47K (1005)
R415	1-208-911-81	s	RES, CHIP 10K (1005)
R417	1-208-911-81	s	RES, CHIP 10K (1005)
R419	1-208-911-81	s	RES, CHIP 10K (1005)
R420	1-208-927-81	s	RES, CHIP 47K (1005)

(TX-129 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R500	1-220-870-81	s	RES, CHIP 10 (1005)
R501	1-216-791-91	s	RES, CHIP 3.3 (1608)
R502	1-208-911-81	s	RES, CHIP 10K (1005)
R503	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R504	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R506	1-208-884-81	s	RES, CHIP 750 (1005)
R507	1-208-871-81	s	RES, CHIP 220 (1005)
R508	1-208-860-81	s	RES, CHIP 75 (1005)
R509	1-208-860-81	s	RES, CHIP 75 (1005)
R510	1-208-871-81	s	RES, CHIP 220 (1005)
R513	1-208-919-81	s	RES, CHIP 22K (1005)
R518	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R519	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R520	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R521	1-208-911-81	s	RES, CHIP 10K (1005)
R522	1-208-860-81	s	RES, CHIP 75 (1005)
R523	1-208-895-81	s	RES, CHIP 2.2K (1005)
R550	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R707	1-208-951-81	s	RES, CHIP 470K (1005)
R709	1-208-955-81	s	RES, CHIP 680K (1005)
R710	1-208-939-81	s	RES, CHIP 150K (1005)
R711	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R712	1-208-955-81	s	RES, CHIP 680K (1005)
R713	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R714	1-208-955-81	s	RES, CHIP 680K (1005)
R800	1-208-935-81	s	RES, CHIP 100K (1005)
R804	1-208-935-81	s	RES, CHIP 100K (1005)
R807	1-208-935-81	s	RES, CHIP 100K (1005)
R808	1-220-870-81	s	RES, CHIP 10 (1005)
R809	1-208-911-81	s	RES, CHIP 10K (1005)
R810	1-208-927-81	s	RES, CHIP 47K (1005)
R811	1-208-911-81	s	RES, CHIP 10K (1005)
R813	1-208-911-81	s	RES, CHIP 10K (1005)
R814	1-220-870-81	s	RES, CHIP 10 (1005)
R815	1-220-870-81	s	RES, CHIP 10 (1005)
R816	1-208-943-81	s	RES, CHIP 220K (1005)
R817	1-208-863-81	s	RES, CHIP 100 (1005)
R818	1-208-863-81	s	RES, CHIP 100 (1005)
R901	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R902	1-208-911-81	s	RES, CHIP 10K (1005)
R903	1-208-860-81	s	RES, CHIP 75 (1005)
R905	1-220-878-81	s	RES, CHIP 22 (1005)
R906	1-220-878-81	s	RES, CHIP 22 (1005)
R908	1-220-878-81	s	RES, CHIP 22 (1005)
R909	1-208-899-81	s	RES, CHIP 3.3K (1005)
R911	1-208-927-81	s	RES, CHIP 47K (1005)
R912	1-208-927-81	s	RES, CHIP 47K (1005)
R913	1-208-891-81	s	RES, CHIP 1.5K (1005)
R914	1-208-895-81	s	RES, CHIP 2.2K (1005)
R915	1-208-895-81	s	RES, CHIP 2.2K (1005)
R918	1-208-891-81	s	RES, CHIP 1.5K (1005)
R919	1-208-935-81	s	RES, CHIP 100K (1005)
R920	1-208-891-81	s	RES, CHIP 1.5K (1005)
R921	1-208-935-81	s	RES, CHIP 100K (1005)
R922	1-208-903-81	s	RES, CHIP 4.7K (1005)
R923	1-208-935-81	s	RES, CHIP 100K (1005)
R924	1-208-915-81	s	RES, CHIP 15K (1005)
R925	1-208-931-81	s	RES, CHIP 68K (1005)
R926	1-208-903-81	s	RES, CHIP 4.7K (1005)

(TX-129 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R927	1-208-915-81	s	RES, CHIP 15K (1005)
R928	1-208-897-81	s	RES, CHIP 2.7K (1005)
R929	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R931	1-208-863-81	s	RES, CHIP 100 (1005)
R932	1-208-911-81	s	RES, CHIP 10K (1005)
R934	1-208-863-81	s	RES, CHIP 100 (1005)
R1002	1-208-951-81	s	RES, CHIP 470K (1005)
R1003	1-208-931-81	s	RES, CHIP 68K (1005)
R1004	1-208-935-81	s	RES, CHIP 100K (1005)
R1006	1-208-935-81	s	RES, CHIP 100K (1005)
R1007	1-208-935-81	s	RES, CHIP 100K (1005)
R1008	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1009	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R1010	1-208-927-81	s	RES, CHIP 47K (1005)
R1011	1-208-951-81	s	RES, CHIP 470K (1005)
R1012	1-208-939-81	s	RES, CHIP 150K (1005)
R1013	1-208-943-81	s	RES, CHIP 220K (1005)
R1014	1-208-935-81	s	RES, CHIP 100K (1005)
RB200	1-234-375-21	s	RES, NETWORK 1K (1005X4)
X300	1-795-670-12	s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X301	1-795-671-12	s	OSCILLATOR, CRYSTAL (VCXO)3.3V
X500	1-814-162-11	s	OSCILLATOR (VCO)

4-4. Supplied Accessories

SUPPLIED ACCESSORIES

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ 1-479-570-14	s	REMOTE COMMANDER (RM-F300)
1pc	⚠ 1-782-476-13	s	CORD, POWER (CN)
1pc	⚠ 1-757-562-11	s	CORD, POWER (UC)
1pc	1-788-852-11	s	ADAPTOR, LENS (LO-3830)
1pc	1-829-414-22	s	CABLE, CONNECTION
1pc	1-830-863-11	s	USB CABLE
1pc	3-080-203-51	s	SREW(M2),LOCK ACE,P2
1pc	3-278-903-01	s	SHORUDER BELT
1pc	⚠ 3-878-037-01	s	CD-ROM
1pc	⚠ 3-878-038-01	s	MANUAL, INSTRUCTION (JAPANESE)
1pc	⚠ 3-878-038-11	s	MANUAL, INSTRUCTION (ENGLISH)
1pc	⚠ 3-878-038-21	s	MANUAL, INSTRUCTION (CHINESE)
1pc	3-879-020-01	s	CLAMP,DC CABLE
3pcs	7-682-560-09	s	SCREW +B 4X6

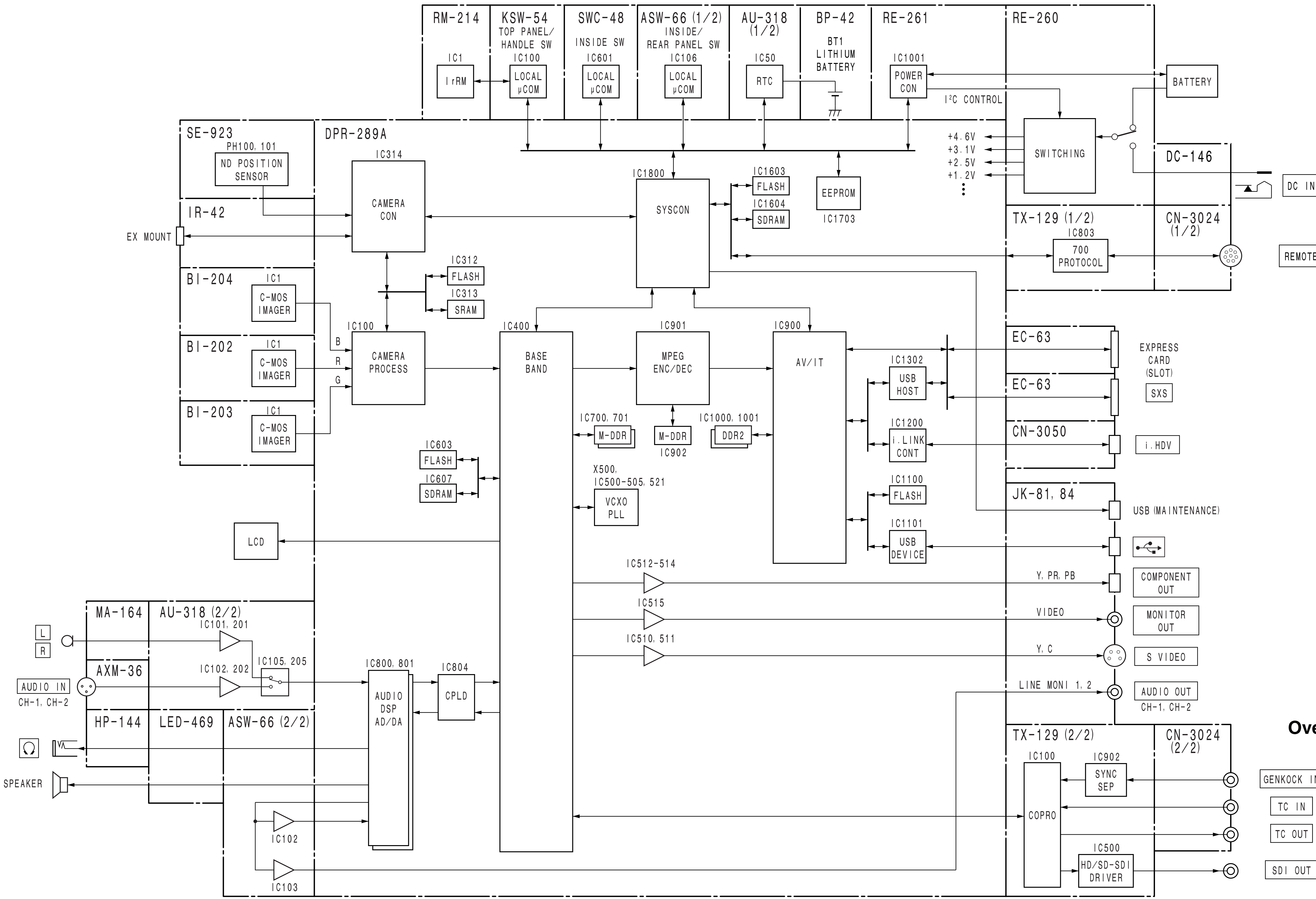
Section 5
Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.
For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section.
However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.
In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-06) that allows searching for parts by semiconductor type or ID No.
The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.
Pin assignments and block diagrams are based on the IC manufacturer’s data book.

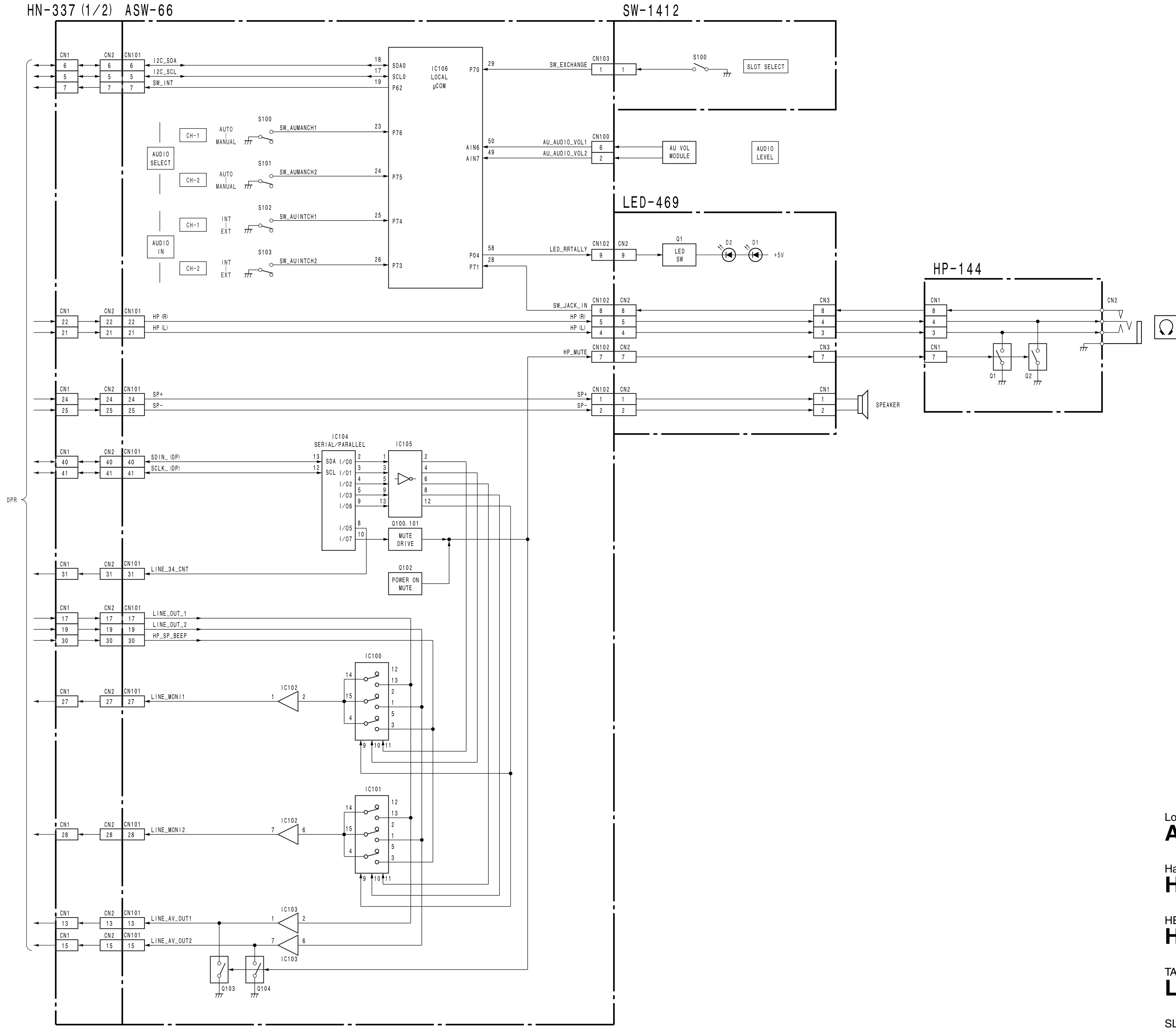
本機に使用されている半導体型名の一覧を下記に示します。
索引中，ページが記載されている半導体は，本章の該当ページを参照してください。ただし，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。
また，ID番号が記載されている半導体は，別途発行の“Semiconductor Pin Assignments” CD-ROM版（ソニー部品番号：9-968-546-06)を参照してください。
半導体型名またはID番号から検索ができます。
マニュアルまたはCD-ROMに掲載されている半導体は，それぞれの機能を等価的に表わしたものです。
外観やインデックスマークの表示方法が実物と異なる場合があります。
ピン配置およびブロック図はICメーカーのデータブックに従いました。

Section 6
Block Diagrams

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RM-214
IC1
IrRM
KSW-54
TOP PANEL/
HANDLE SW
IC100
LOCAL
μCOM
SWC-48
INSIDE SW
IC601
LOCAL
μCOM
ASW-66 (1/2)
INSIDE/
REAR PANEL SW
IC106
LOCAL
μCOM
AU-318
(1/2)
IC50
RTC
BP-42
BT1
LITHIUM
BATTERY
RE-261
IC1001
POWER
CON
I²C CONTROL
RE-260
BATTERY
SWITCHING
+4.6V
+3.1V
+2.5V
+1.2V
DC-146
DC IN
SE-923
PH100, 101
ND POSITION
SENSOR
DPR-289A
IC314
CAMERA
CON
IC1800
SYSCON
IC1603
FLASH
IC1604
SDRAM
EEPROM
IC1703
IR-42
EX MOUNT
TX-129 (1/2)
IC803
700
PROTOCOL
CN-3024
(1/2)
REMOTE
BI-204
IC1
C-MOS
IMAGER
IC312
FLASH
IC313
SRAM
BI-202
IC1
C-MOS
IMAGER
BI-203
IC1
C-MOS
IMAGER
IC100
B
R
G
CAMERA
PROCESS
IC400
BASE
BAND
IC901
MPEG
ENC/DEC
IC900
AV/IT
IC1302
USB
HOST
EC-63
EC-63
EXPRESS
CARD
(SLOT)
SXS
IC700, 701
M-DDR
M-DDR
IC902
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DDR2
IC1200
i.LINK
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VCXO
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IC1100
FLASH
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LCD
IC512-514
Y, PR, PB
COMPONENT
OUT
IC515
VIDEO
MONITOR
OUT
IC510, 511
Y, C
S VIDEO
LINE MONI 1, 2
AUDIO OUT
CH-1, CH-2
MA-164
AU-318 (2/2)
IC101, 201
L
R
AXM-36
IC102, 202
IC105, 205
AUDIO IN
CH-1, CH-2
IC800, 801
AUDIO
DSP
AD/DA
IC804
CPLD
HP-144
LED-469
ASW-66 (2/2)
SPEAKER
IC102
IC103
TX-129 (2/2)
IC100
COPRO
IC902
SYNC
SEP
CN-3024
(2/2)
GENKOCK IN
TC IN
TC OUT
IC500
HD/SD-SDI
DRIVER
SDI OUT

ASW-66, HN-337 (1/2), HP-144, LED-469, SW-1412



Local μCOM
ASW-66

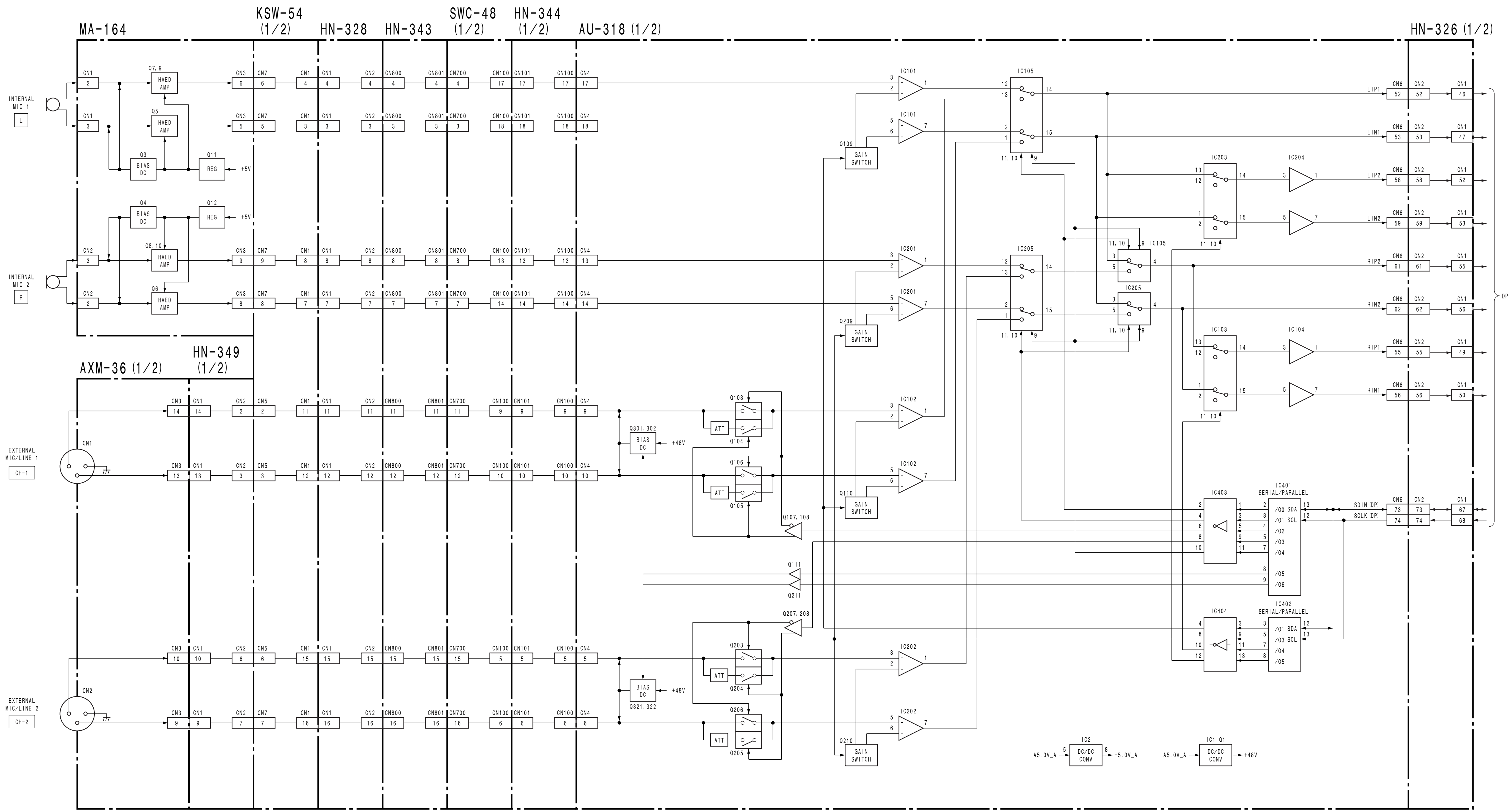
Harness (Relay)
HN-337 (1/2)

HEADPHONE jack
HP-144

TALLY (rear)
LED-469

SLOT SELECT switch
SW-1412

AU-318 (1/2), AXM-36 (1/2), HN-326 (1/2), HN-328, HN-343, HN-344 (1/2), HN-349 (1/2), KSW-54 (1/2), MA-164, SWC-48 (1/2)



AUDIO
AU-318 (1/2)

Harness (Relay)
HN-343

Internal MIC
MA-164

External MIC/LINE connector
AXM-36 (1/2)

Harness (Relay)
HN-344 (1/2)

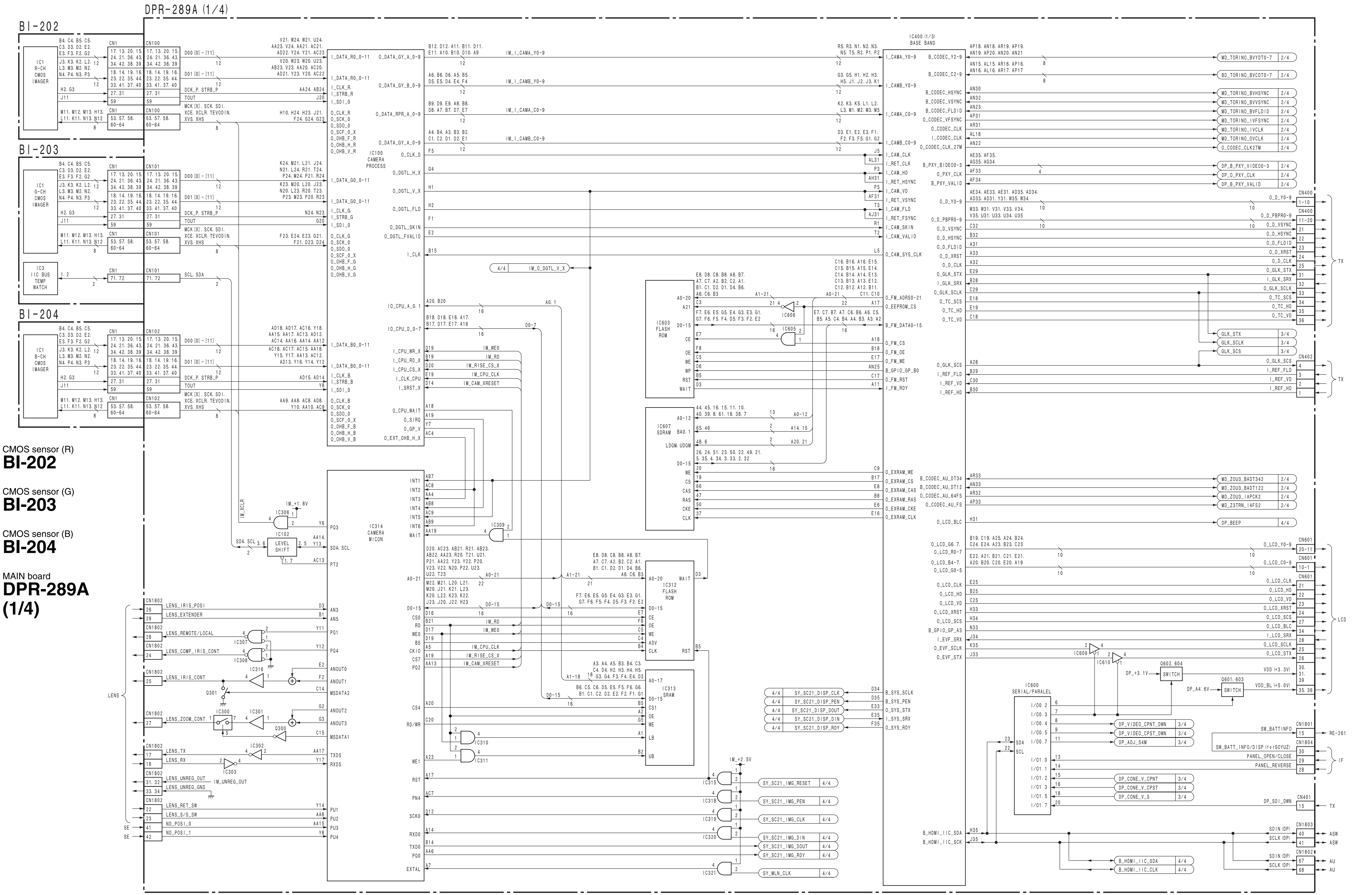
Local µCOM
SWC-48 (1/2)

Harness (Relay)
HN-326 (1/2)

Harness (Relay)
HN-349 (1/2)

Harness (Relay)
HN-328

Local µCOM
KSW-54 (1/2)



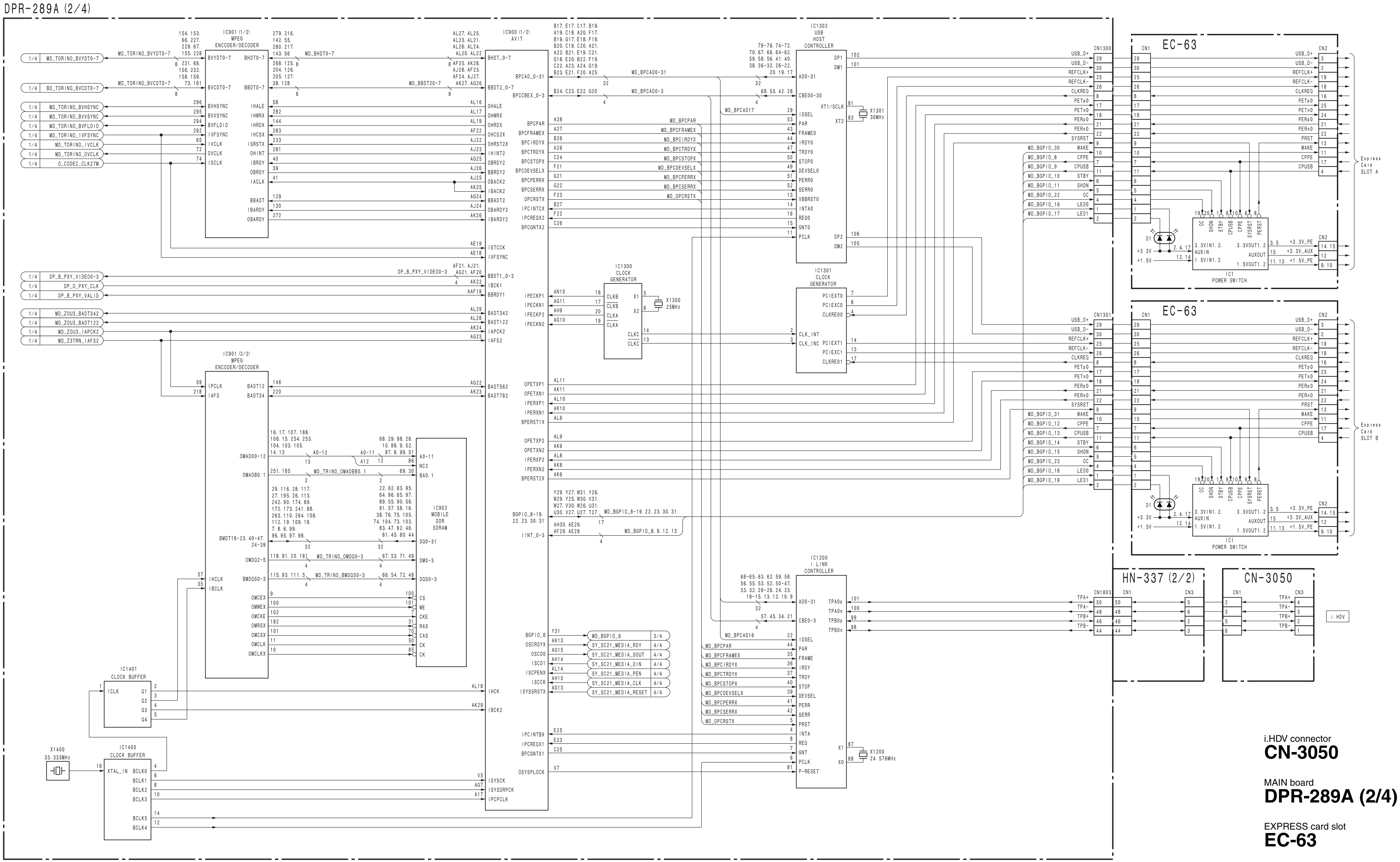
CMOS sensor (R)
BI-202

CMOS sensor (G)
BI-203

CMOS sensor (B)
BI-204

MAIN board
DPR-289A (1/4)

CN-3050, DPR-289A (2/4), EC-63, HN-337 (2/2)



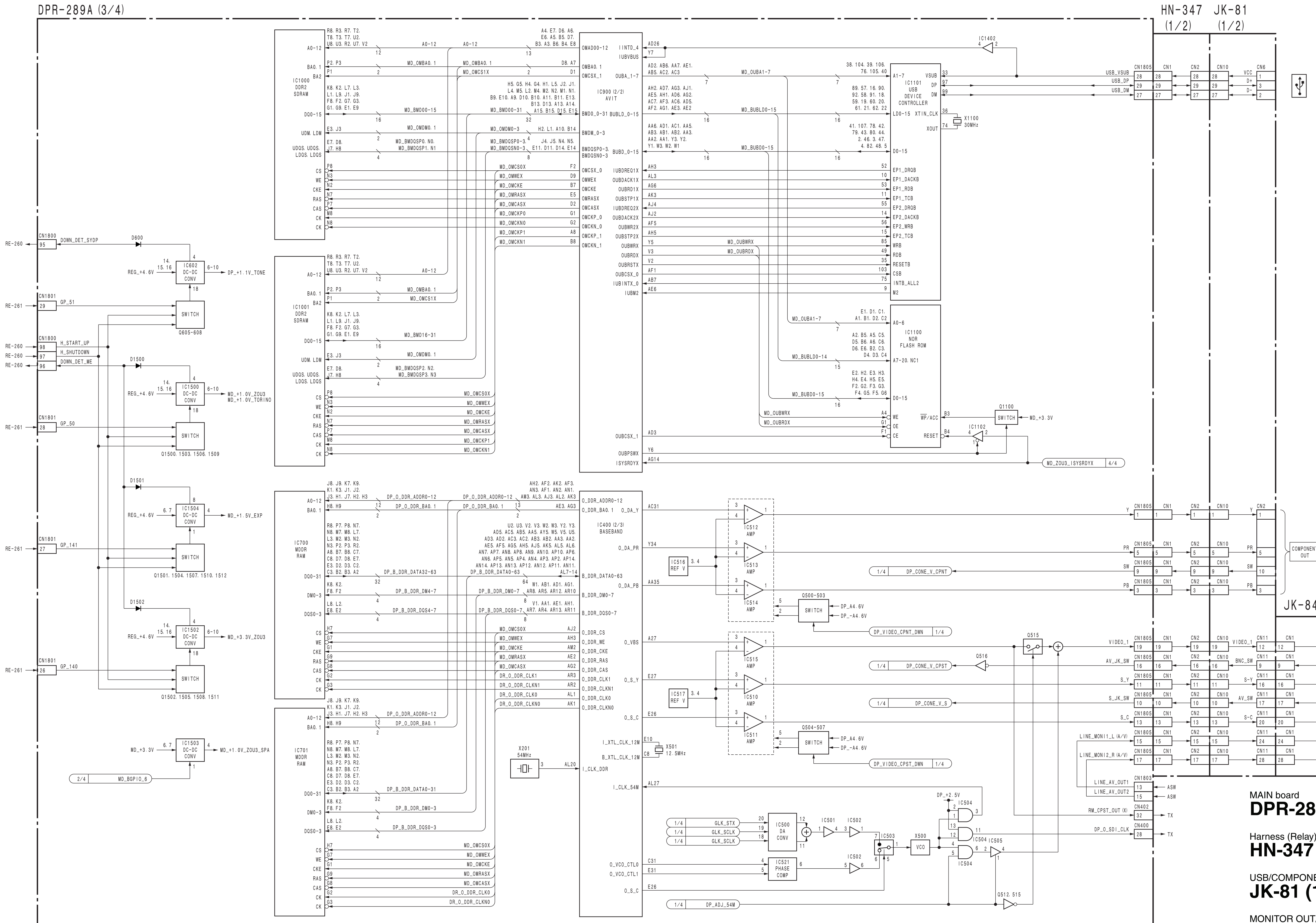
i.HDV connector
CN-3050

MAIN board
DPR-289A (2/4)

EXPRESS card slot
EC-63

Harness (Relay)
HN-337 (2/2)

DPR-289A (3/4), HN-347 (1/2), JK-81 (1/2), JK-84 (1/2)



MAIN board
DPR-289A (3/4)

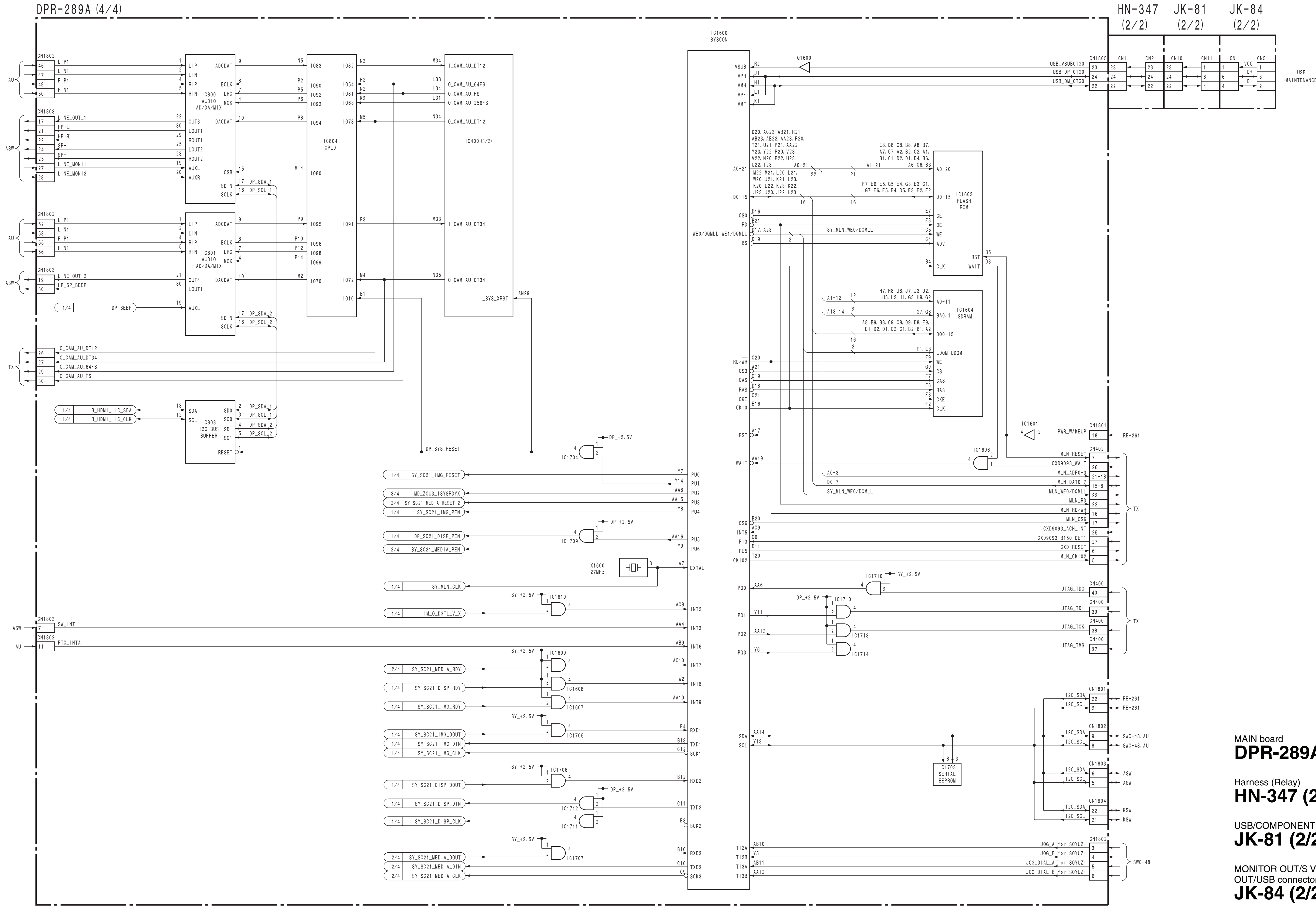
Harness (Relay)
HN-347 (1/2)

USB/COMPONENT OUT connector
JK-81 (1/2)

MONITOR OUT/S VIDEO/AUDIO OUT/USB connector
JK-84 (1/2)

6-7

DPR-289A (4/4), HN-347 (2/2), JK-81 (2/2), JK-84 (2/2)



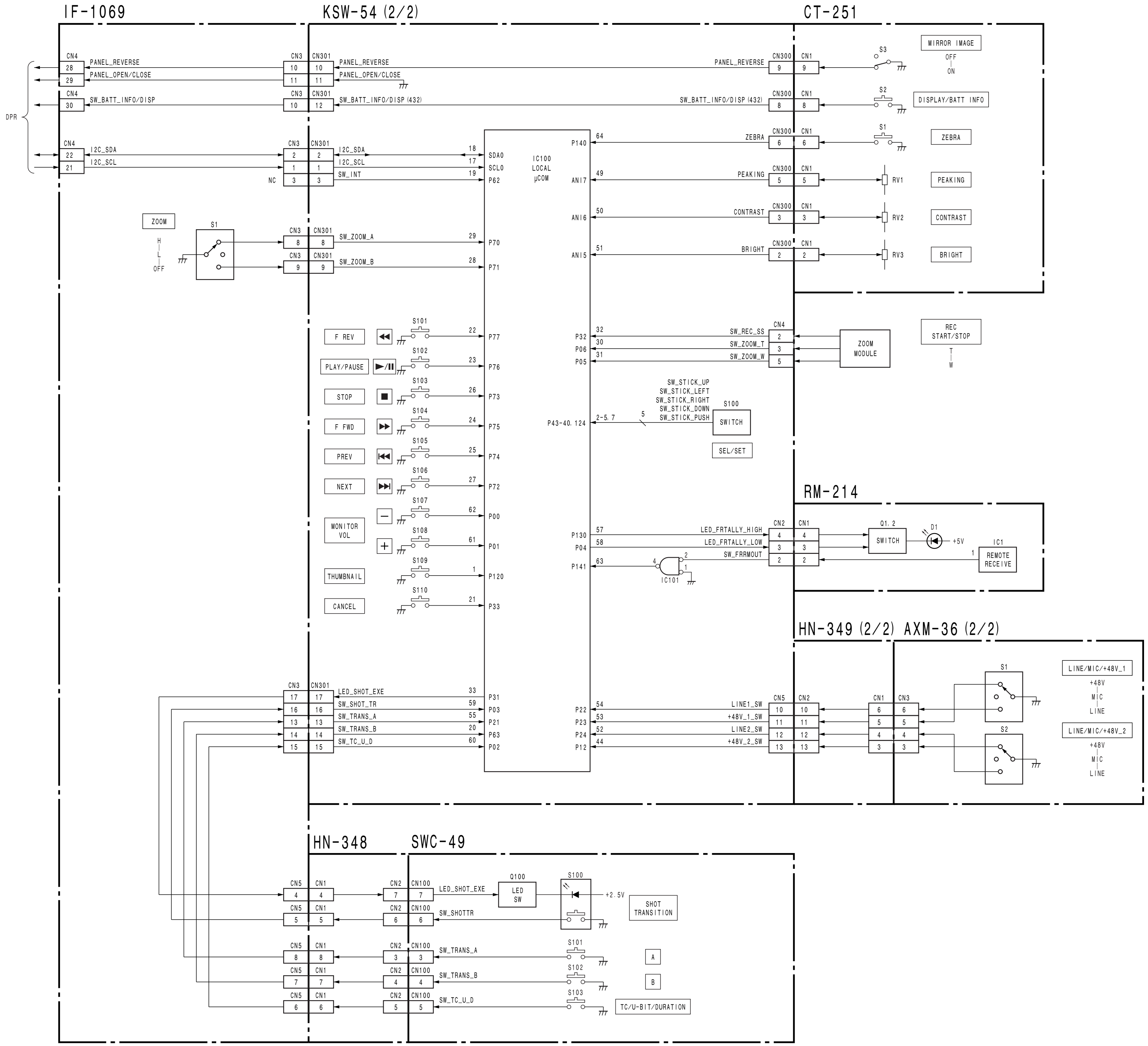
MAIN board
DPR-289A (4/4)

Harness (Relay)
HN-347 (2/2)

USB/COMPONENT OUT connector
JK-81 (2/2)

MONITOR OUT/S VIDEO/AUDIO OUT/USB connector
JK-84 (2/2)

AXM-36 (2/2), CT-251, HN-348, HN-349 (2/2), IF-1069, KSW-54 (2/2), RM-214, SWC-49



External MIC/LINE connector
AXM-36 (2/2)

LCD switch/control
CT-251

Harness (Relay)
HN-348

Harness (Relay)
HN-349 (2/2)

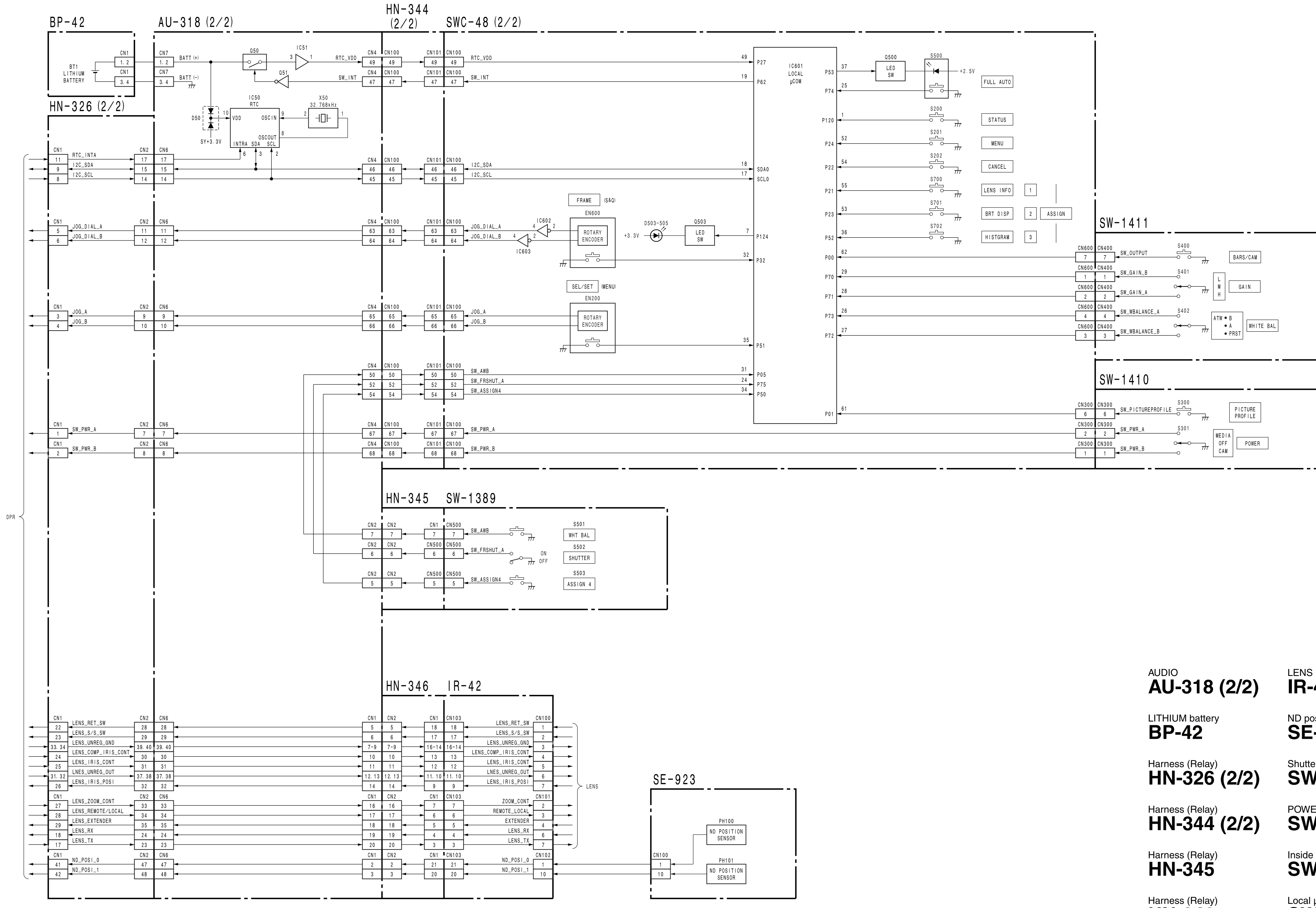
ZOOM SPEED switch
IF-1069

Local µCOM
KSW-54 (2/2)

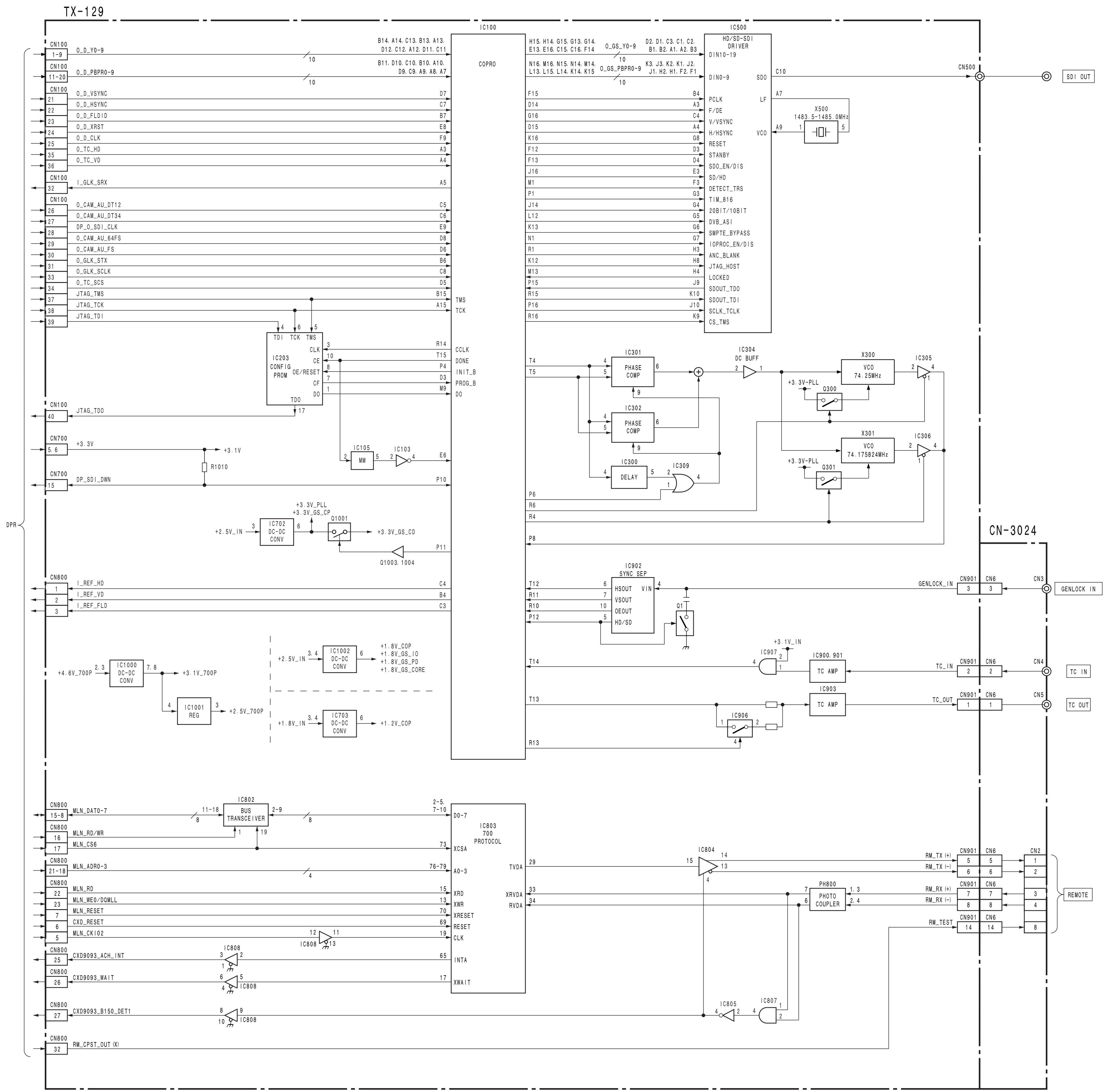
Infra-red remote sensor, TALLY (front)
RM-214

Top panel switch
SWC-49

AU-318 (2/2), BP-42, HN-326 (2/2), HN-344 (2/2), HN-345, HN-346,
IR-42, SE-923, SW-1389, SW-1410, SW-1411, SWC-48 (2/2)

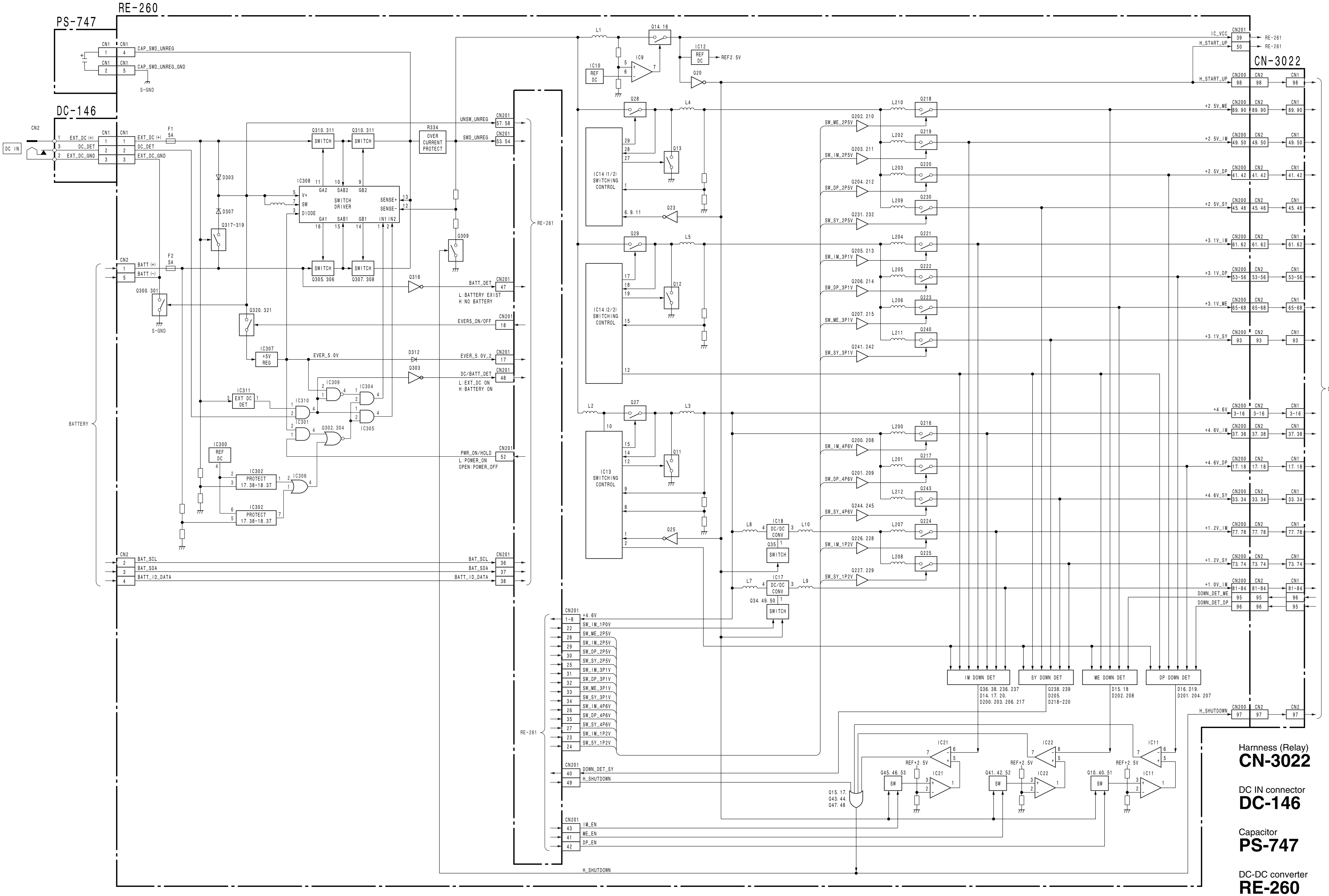


AUDIO **AU-318 (2/2)**	LENS IF **IR-42**
LITHIUM battery **BP-42**	ND position sensor **SE-923**
Harness (Relay) **HN-326 (2/2)**	Shutter switch **SW-1389**
Harness (Relay) **HN-344 (2/2)**	POWER switch **SW-1410**
Harness (Relay) **HN-345**	Inside switch **SW-1411**
Harness (Relay) **HN-346**	Local µCOM **SWC-48 (2/2)**



REMOTE/TC IN/TC OUT/
GENLOCK IN connector
CN-3024

HD/SD-SDI, Remote IF
TX-129

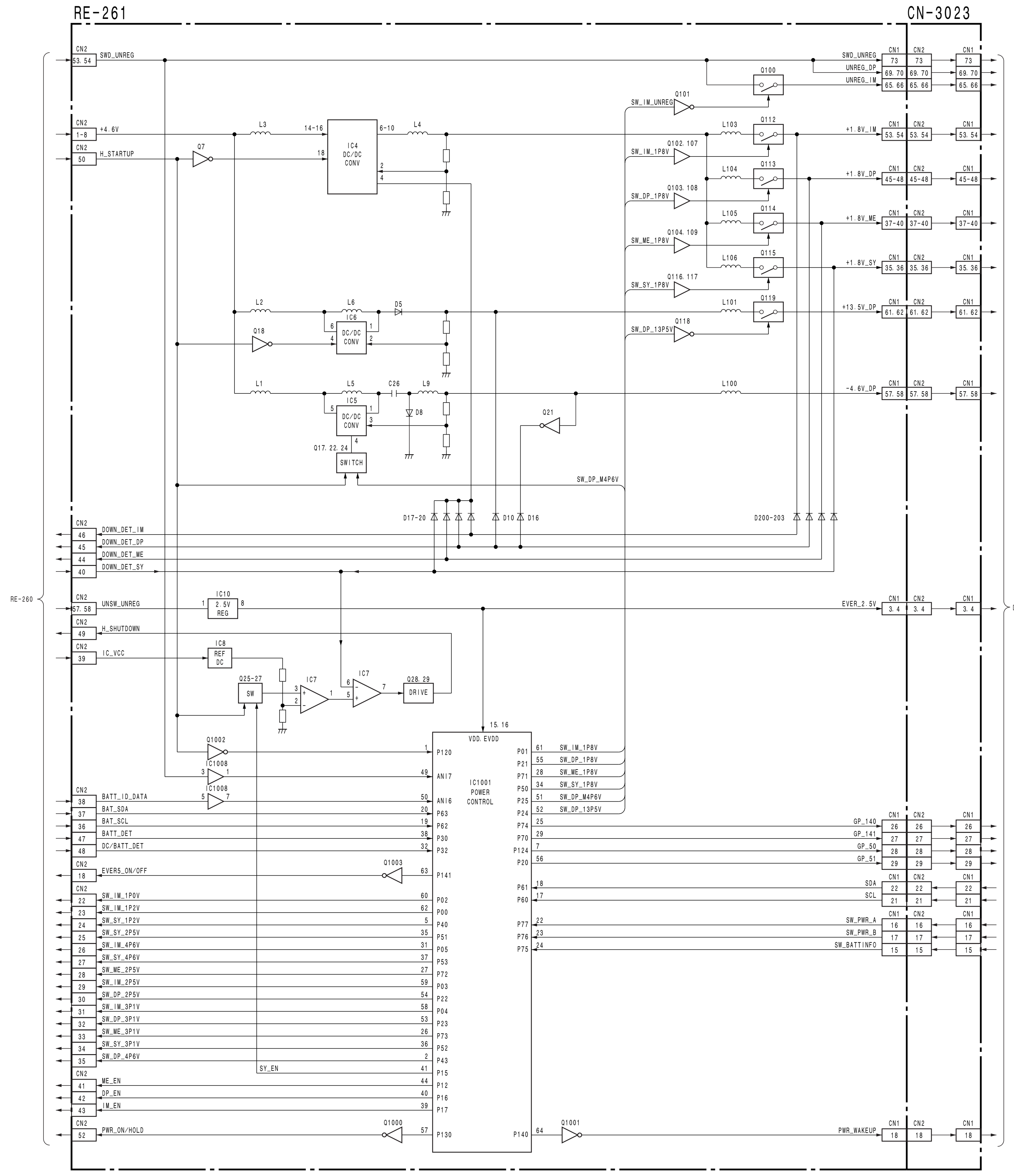


Harnness (Relay)
CN-3022

DC IN connector
DC-146

Capacitor
PS-747

DC-DC converter
RE-260

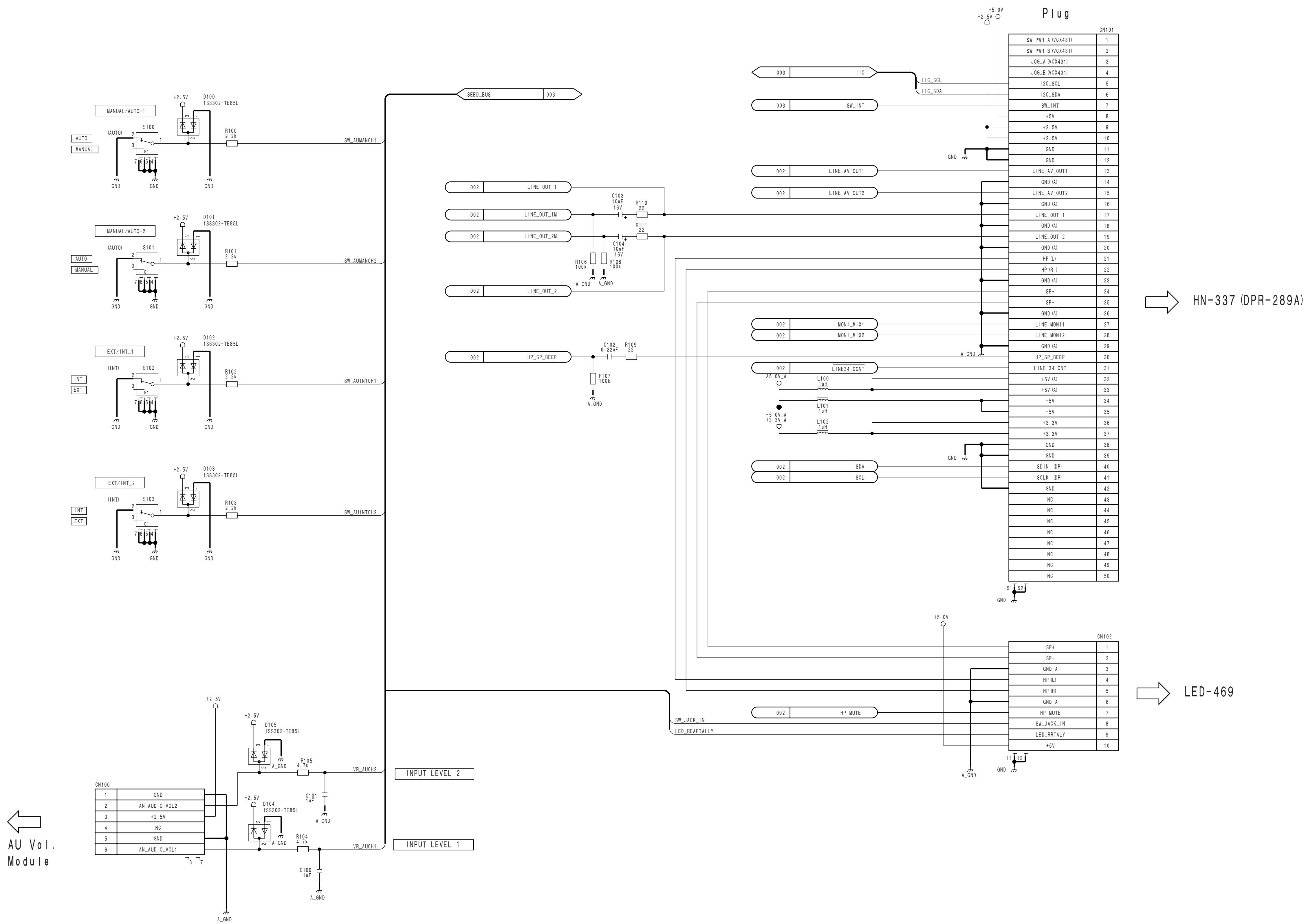


Harness (Relay)
CN-3023

DC-DC converter
RE-261

Section 7
Schematic Diagrams

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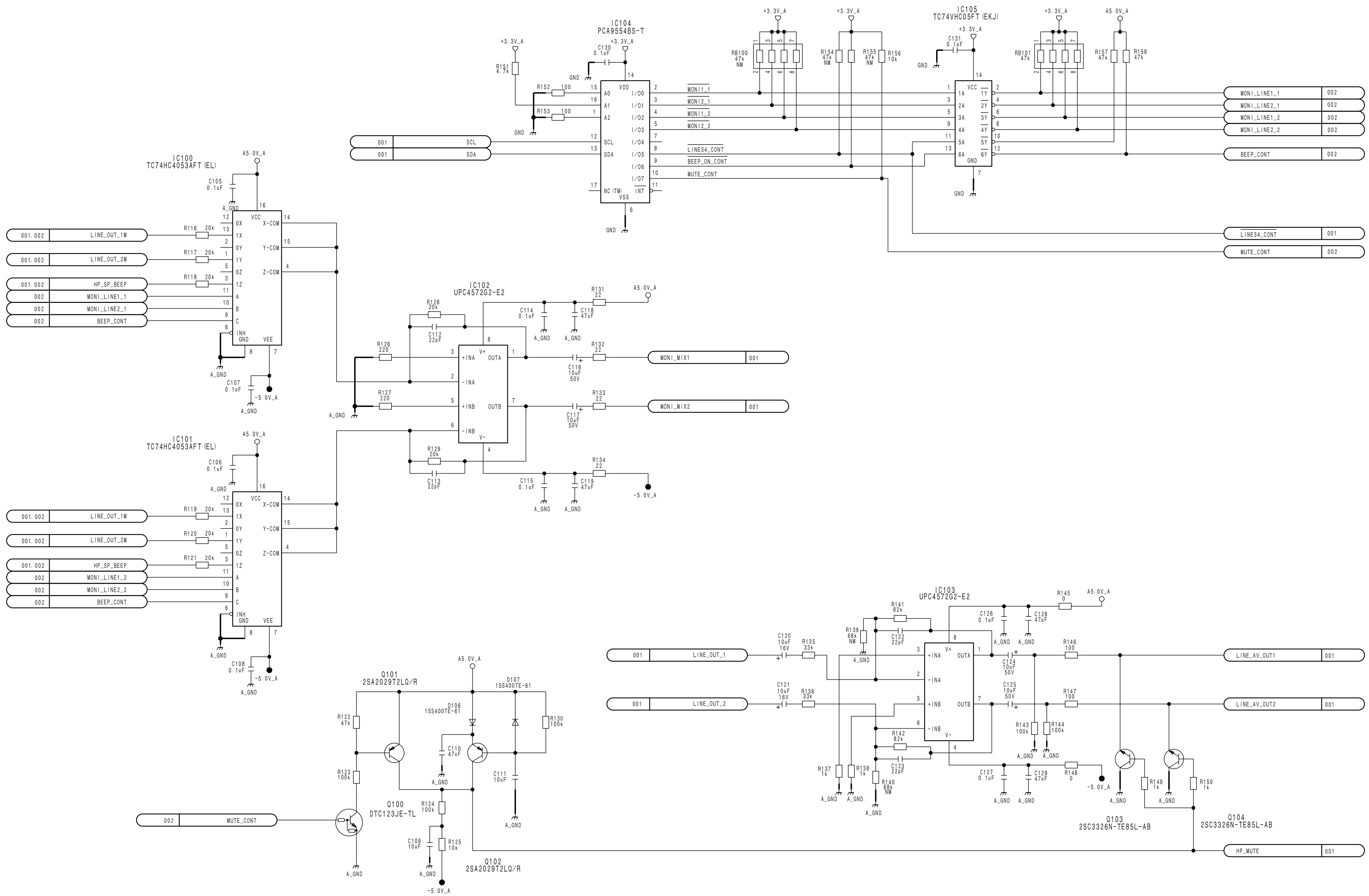
ASW-66 (1/3)

BOARD NO. 1-877-190-11

PMW-EX3_ASW-66_011_1

ASW-66 (2/3)
SUFFIX: -11

1 2 3 4 5



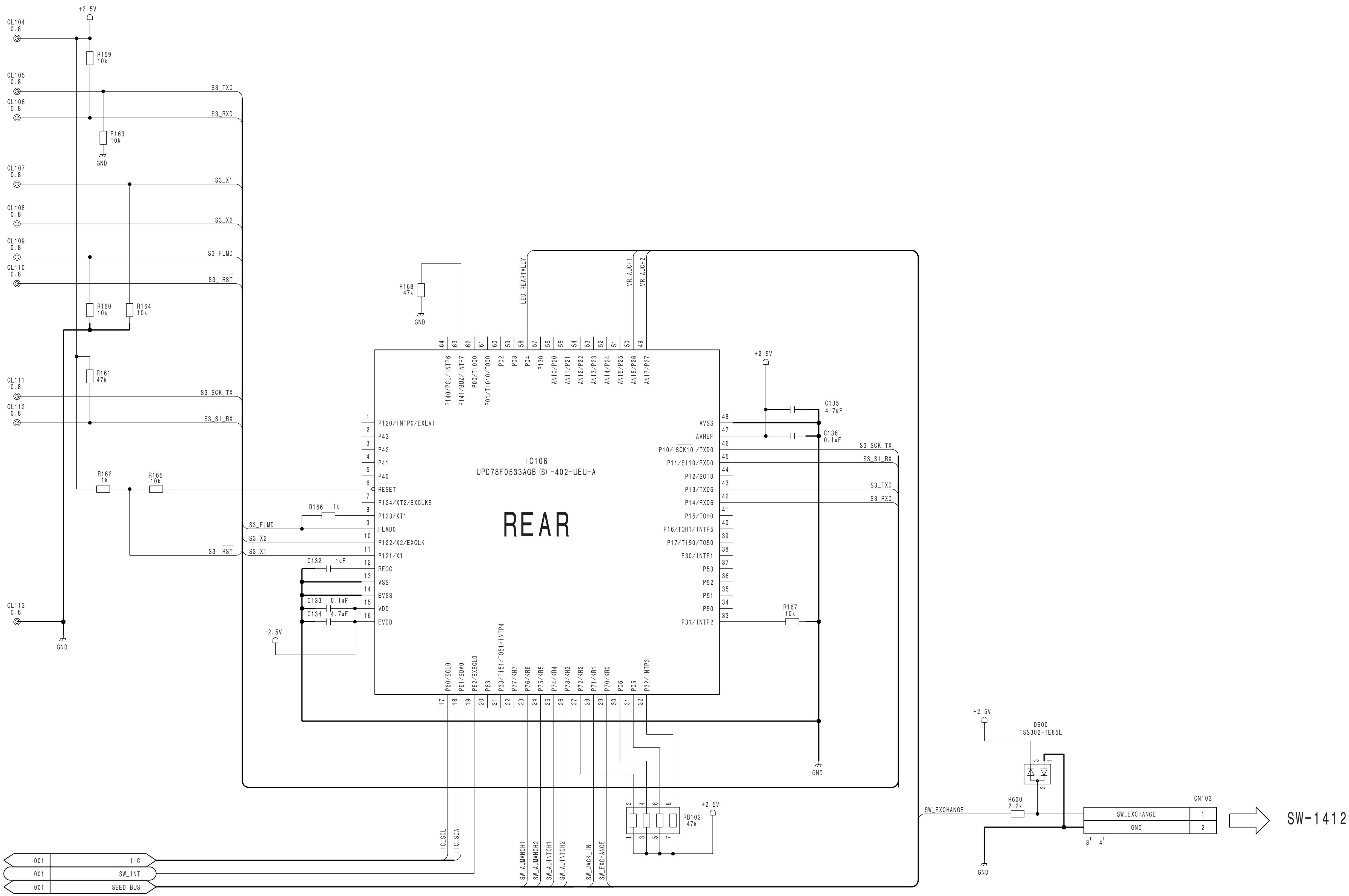
ASW-66 (2/3)

BOARD NO. 1-877-190-11

PMW-EX3_ASW-66_011_2

A B C D E F G H

ASW-66 (3/3)
SUFFIX: -11

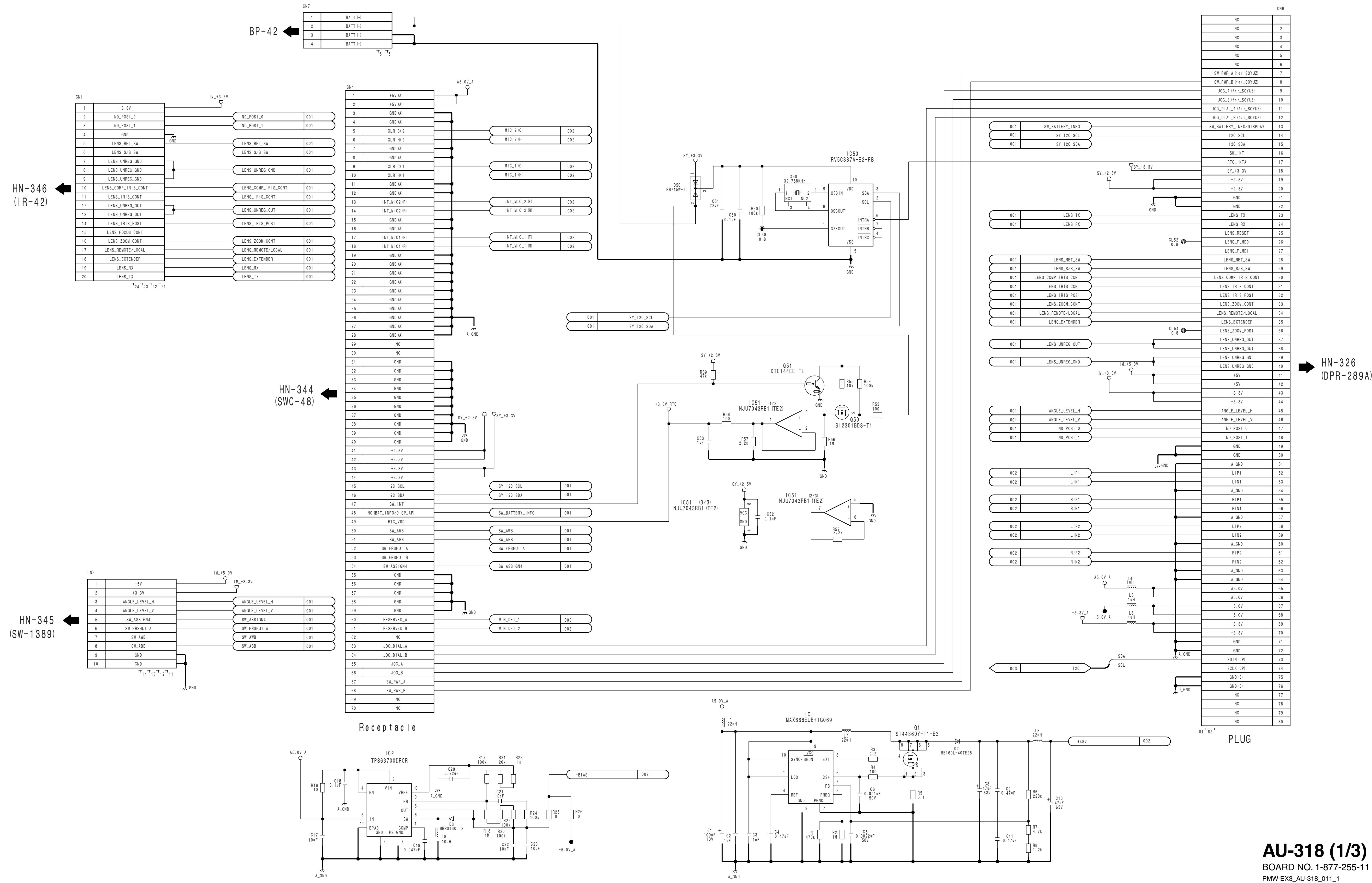


ASW-66 (3/3)

BOARD NO. 1-877-190-11

PMW-EX3_ASW-66_011_3

AU-318 (1/3)
SUFFIX: -11



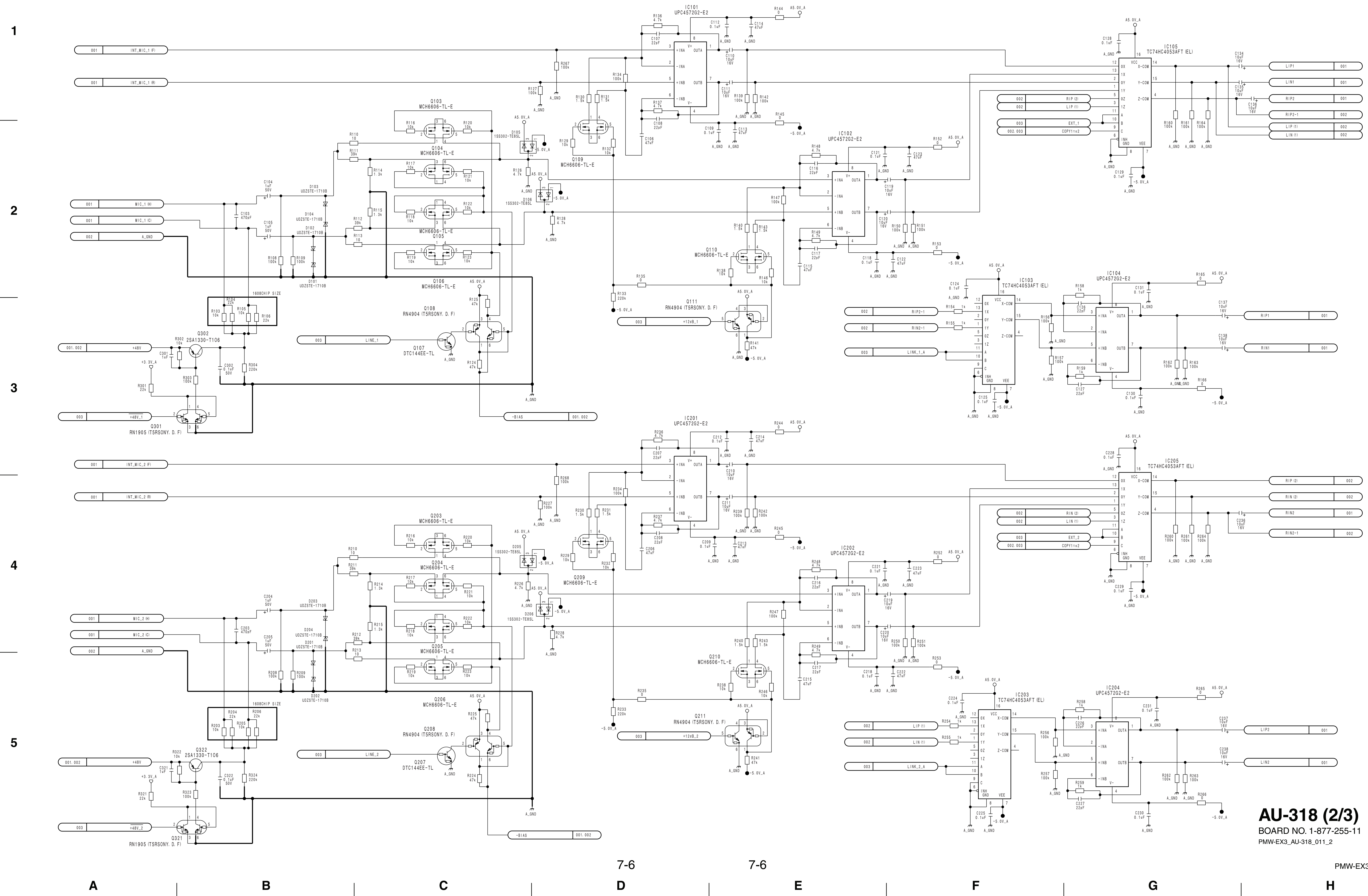
AU-318 (1/3)

BOARD NO. 1-877-255-11

PMW-EX3_AU-318_011_1

1 2 3 4 5

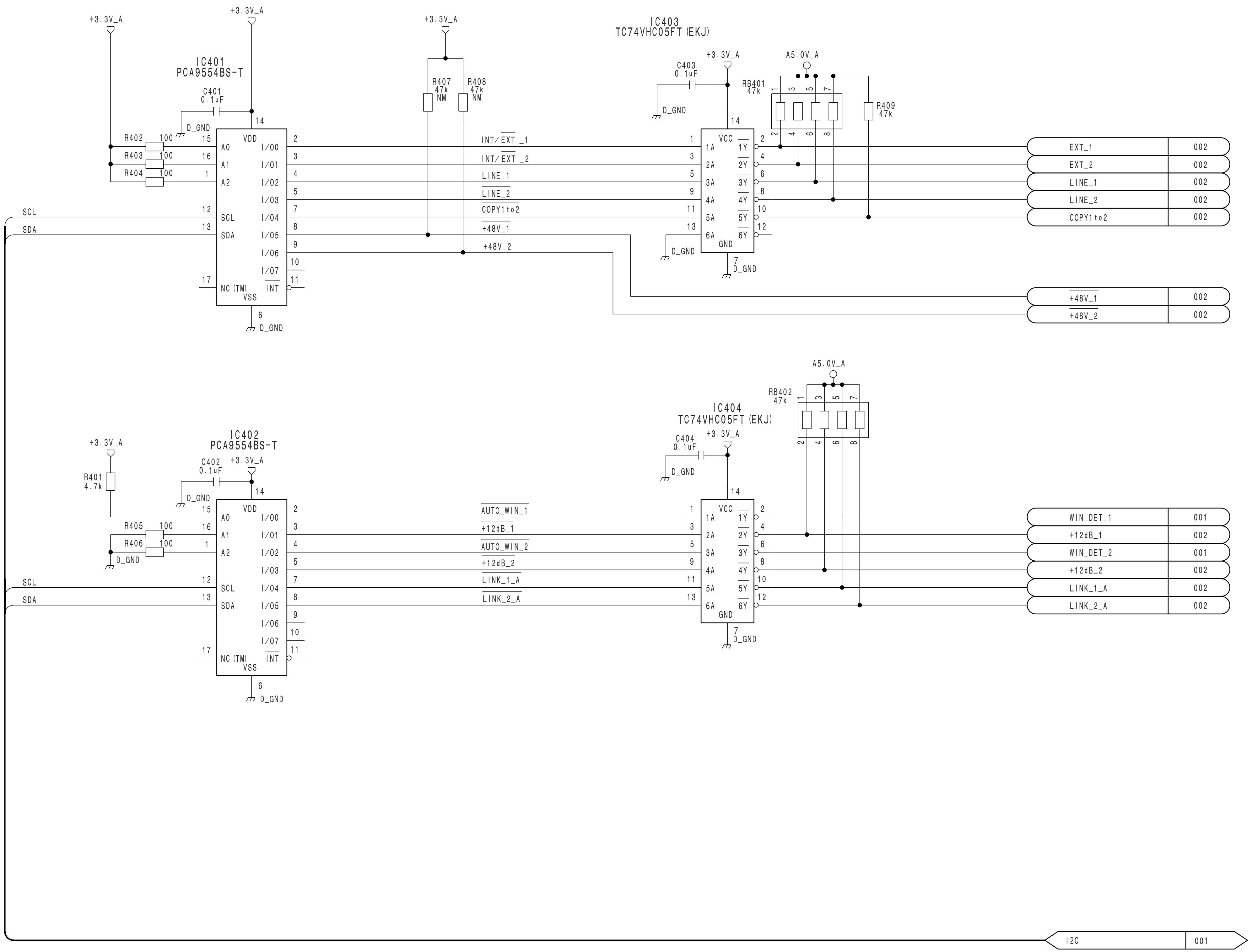
A B C D E F G H



AU-318 (2/3)
BOARD NO. 1-877-255-11
PMW-EX3_AU-318_011_2

AU-318 (3/3)
SUFFIX: -11

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AU-318 (3/3)

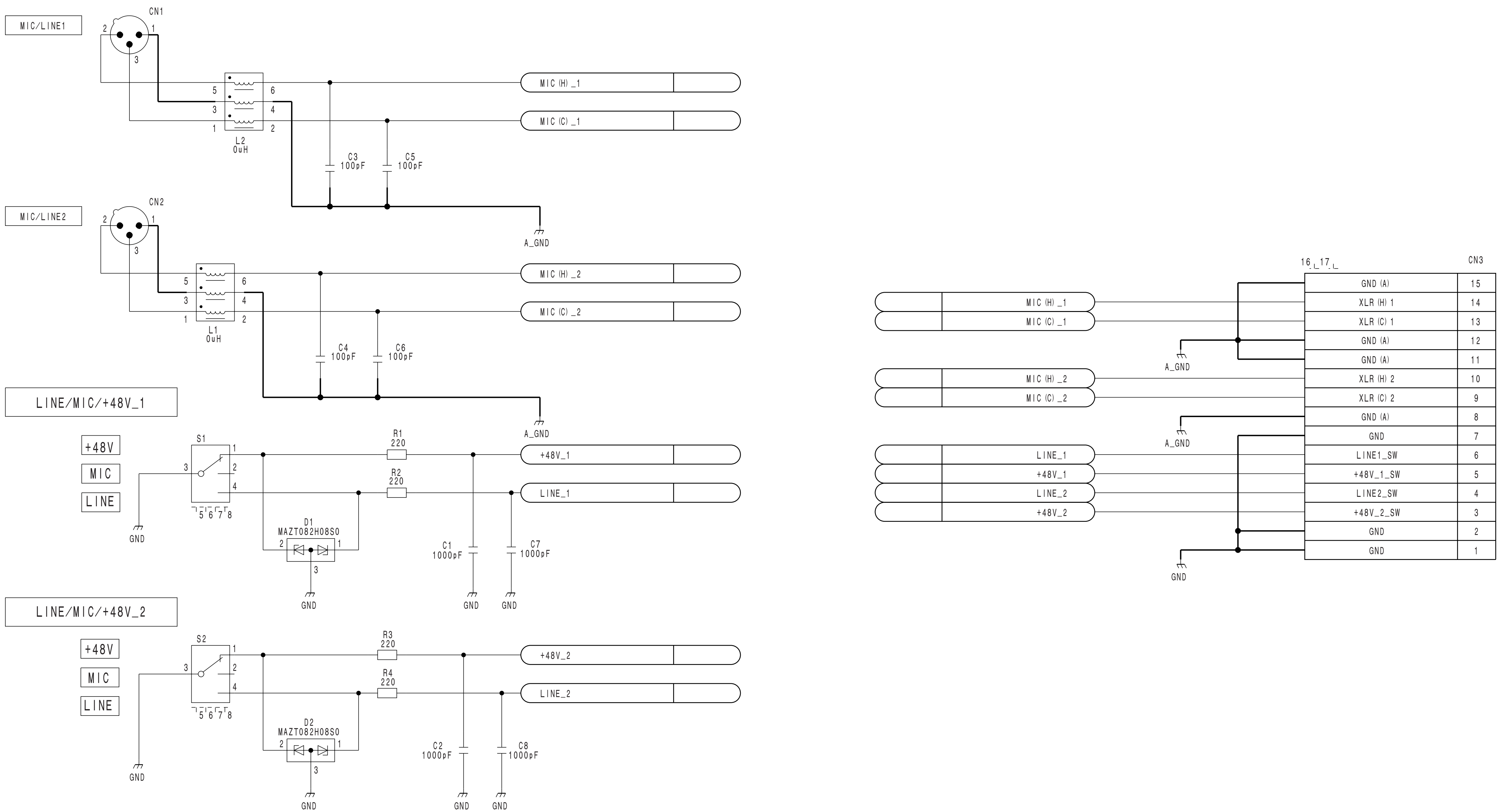
BOARD NO. 1-877-255-11

PMW-EX3_AU-318_011_3

A B C D E F G H

AXM-36 SUFFIX: -11

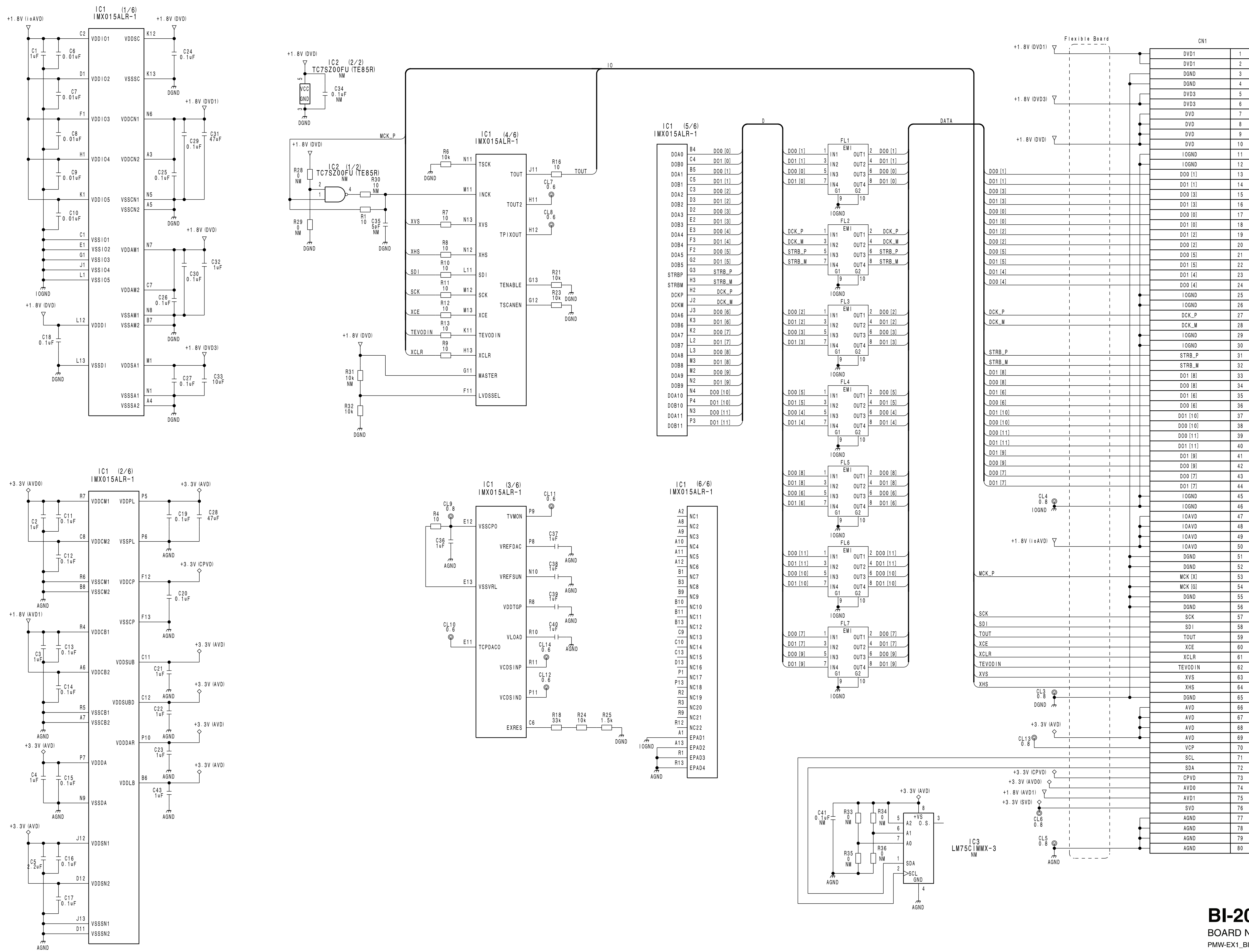
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AXM-36
BOARD NO. 1-877-188-11
PMW-EX3_AXM-36_011_1

A B C D E F G H

BI-202
SUFFIX: -11

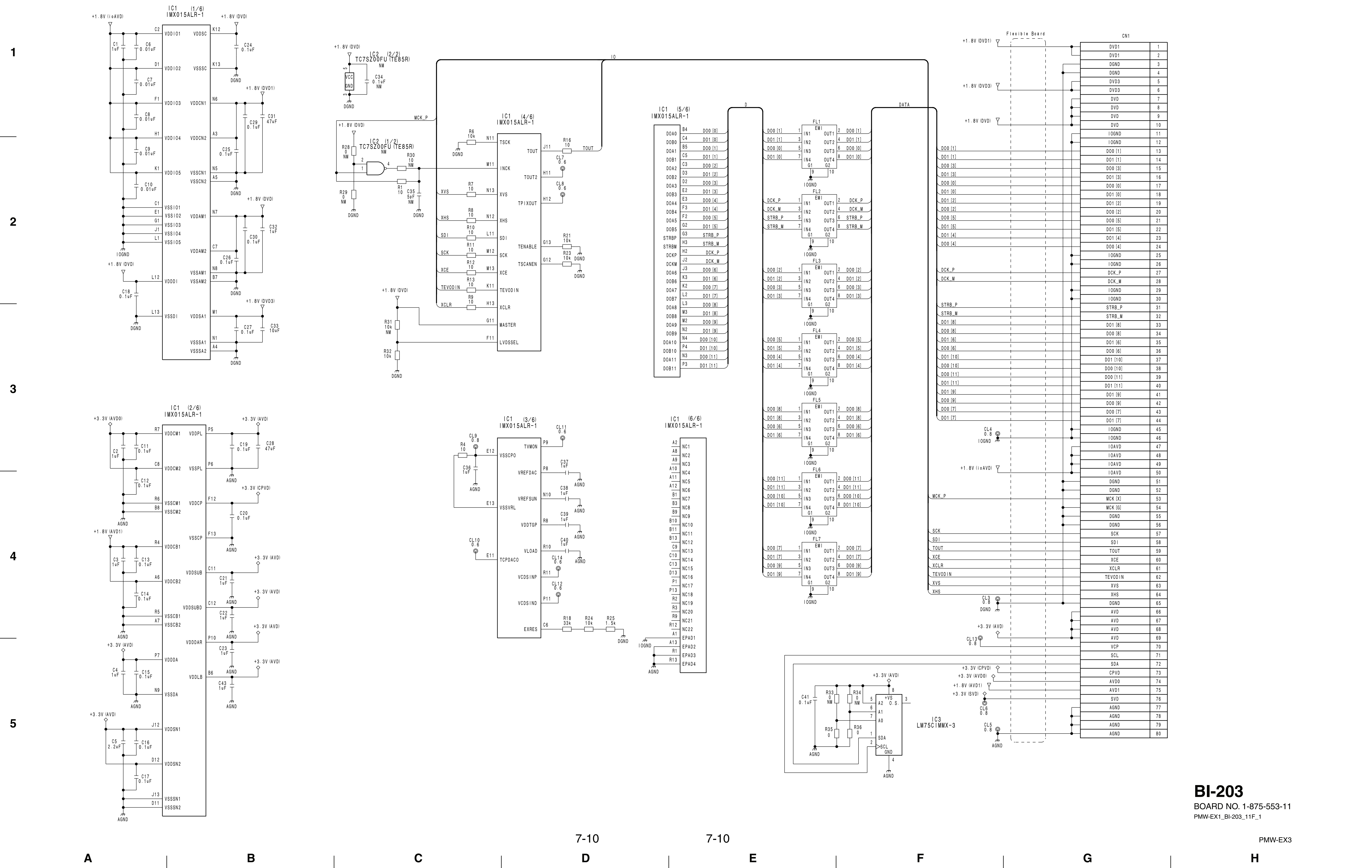


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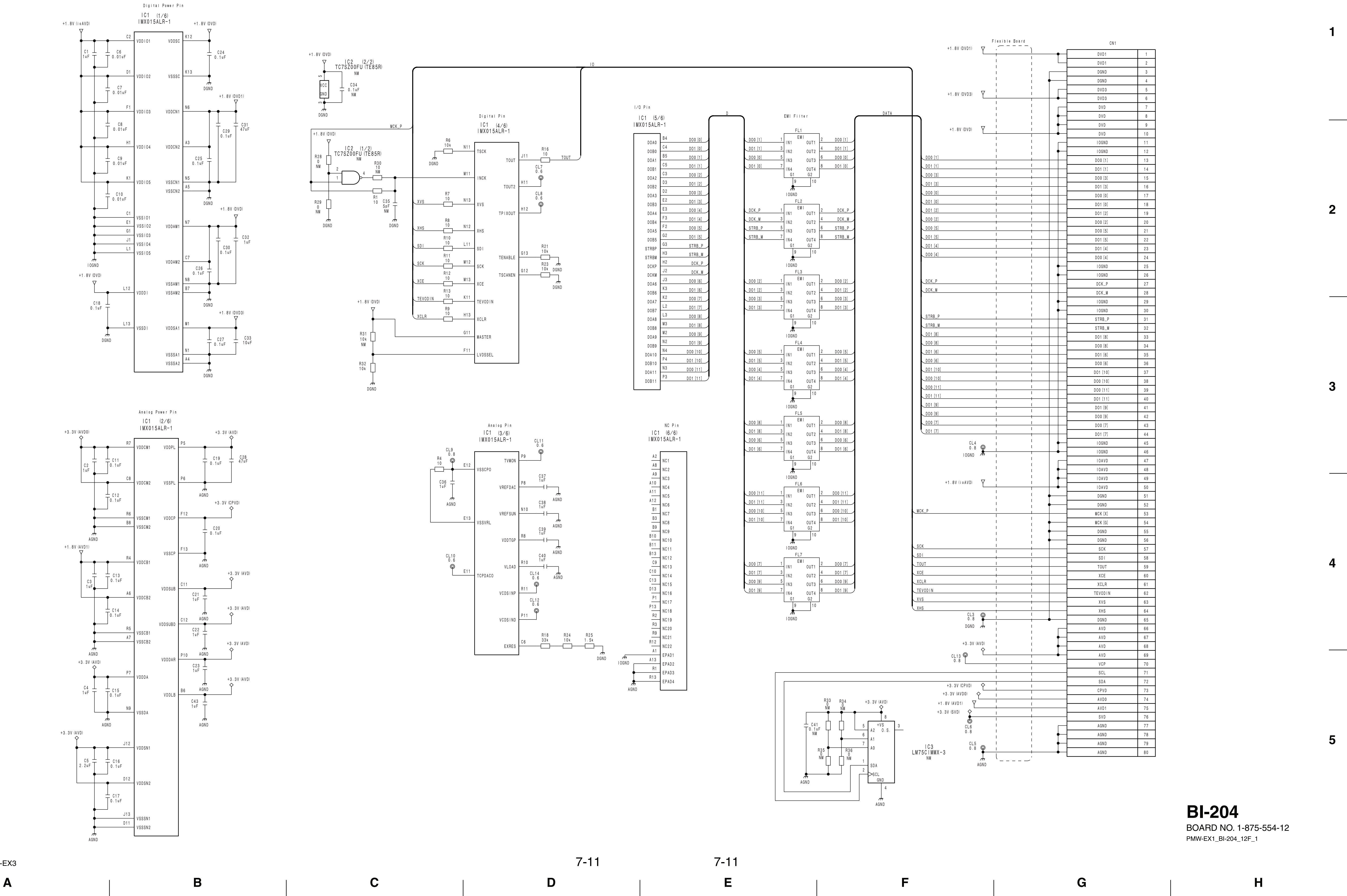
BI-202

BOARD NO. 1-875-552-11
PMW-EX1_BI-202_11F_1

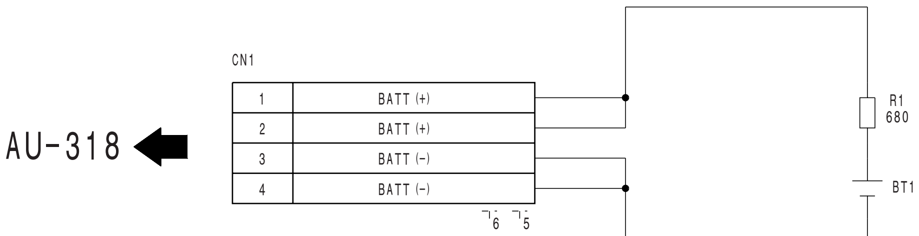
A | B | C | D | E | F | G | H



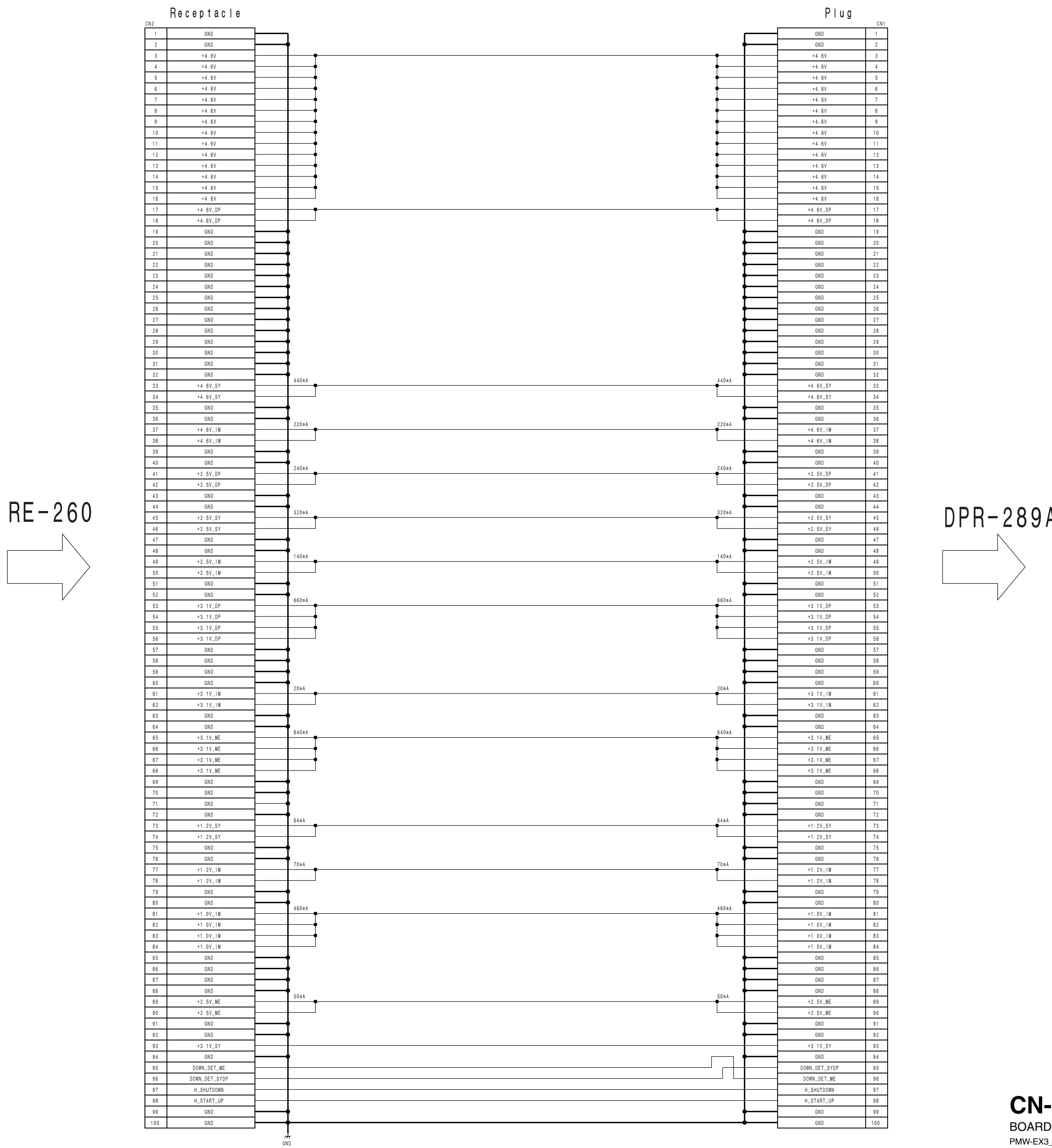
BI-203
BOARD NO. 1-875-553-11
PMW-EX1_BI-203_11F_1



BI-204
BOARD NO. 1-875-554-12
PMW-EX1_BI-204_12F_1



BP-42
BOARD NO. 1-877-259-11
PMW-EX3_BP-42_011_1



CN-3022
BOARD NO. 1-877-233-11
PMW-EX3_CN-3022_011_1

CN-3023
SUFFIX: -11

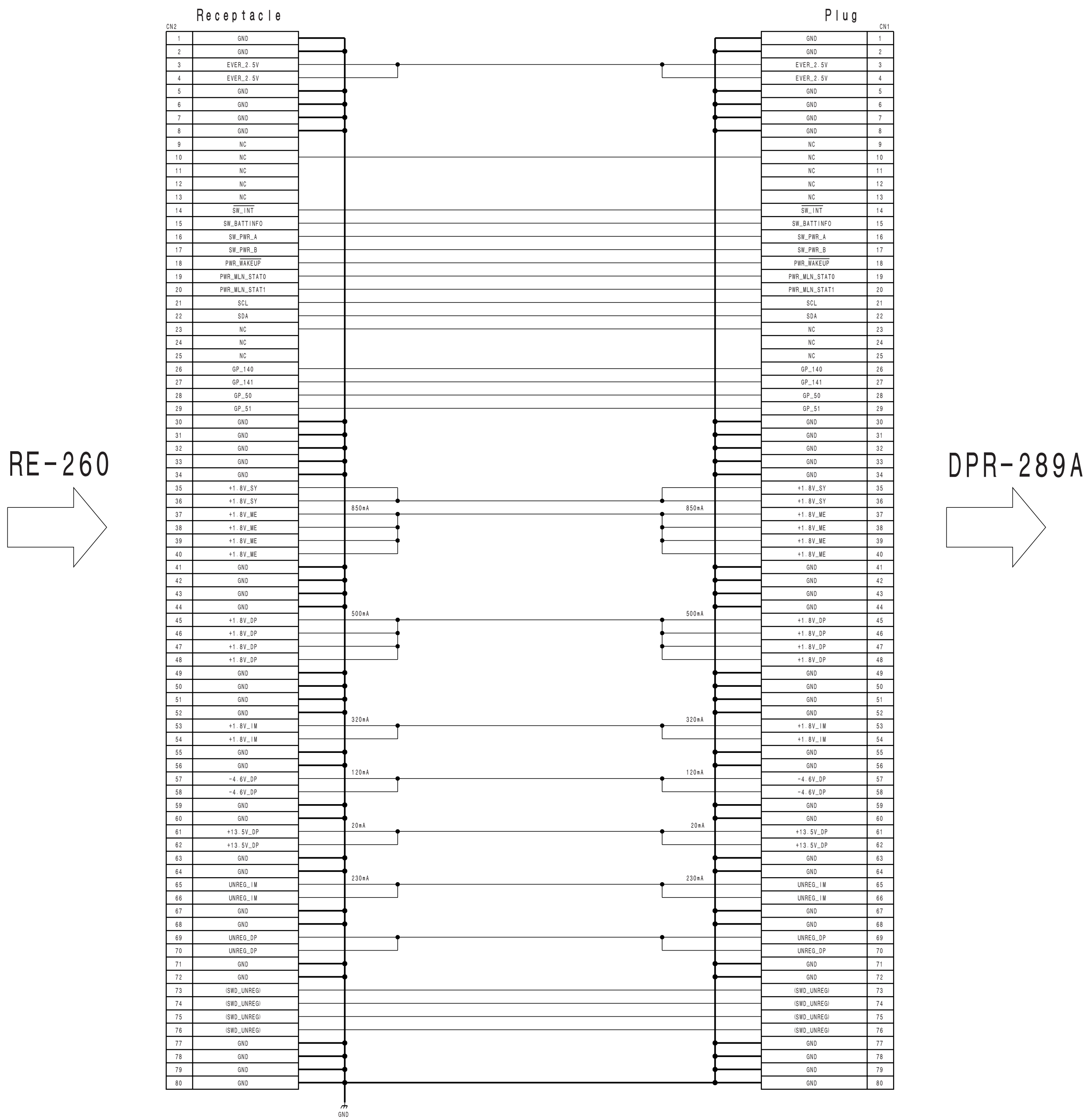
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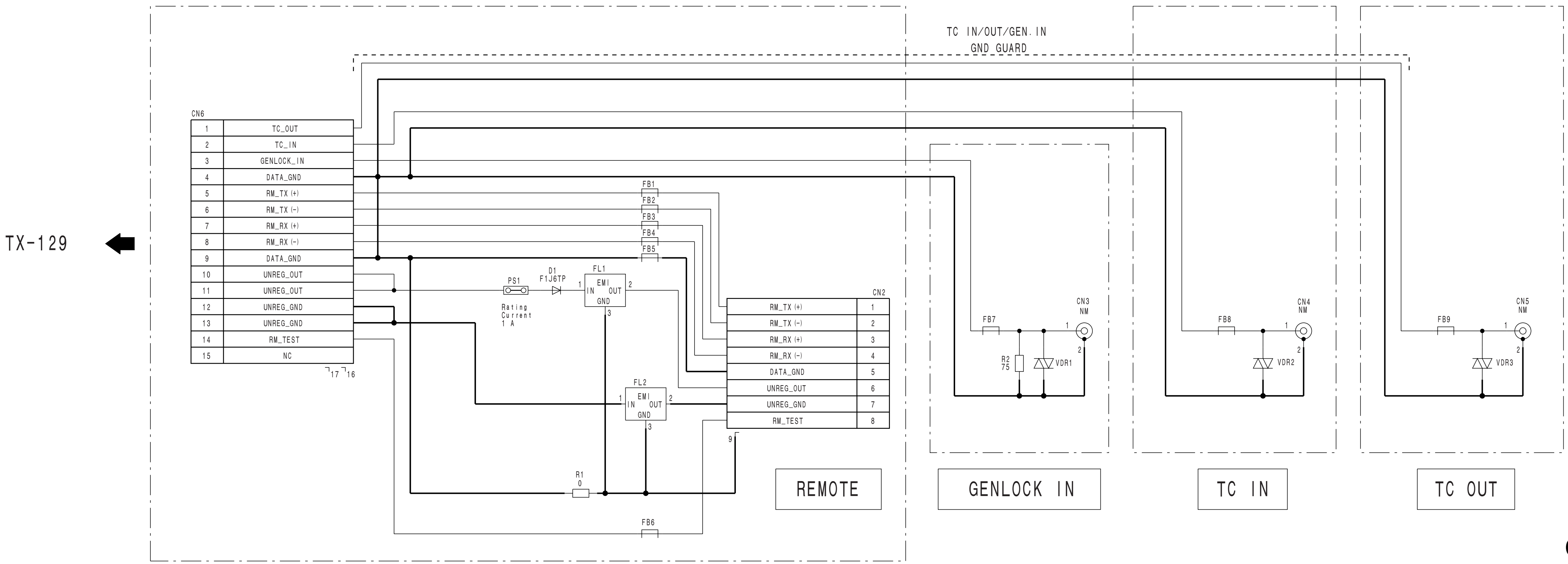
CN-3023

BOARD NO. 1-877-234-11

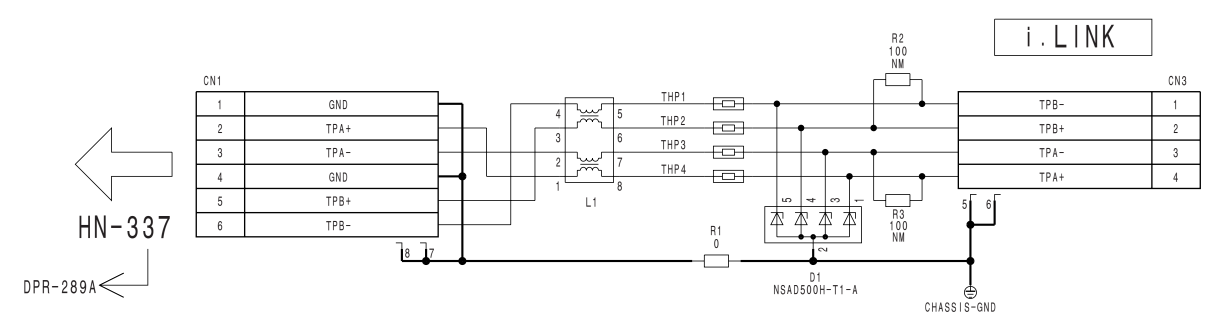
PMW-EX3_CN-3023_011_1

CN-3024, CN-3050
SUFFIX: -11 SUFFIX: -11

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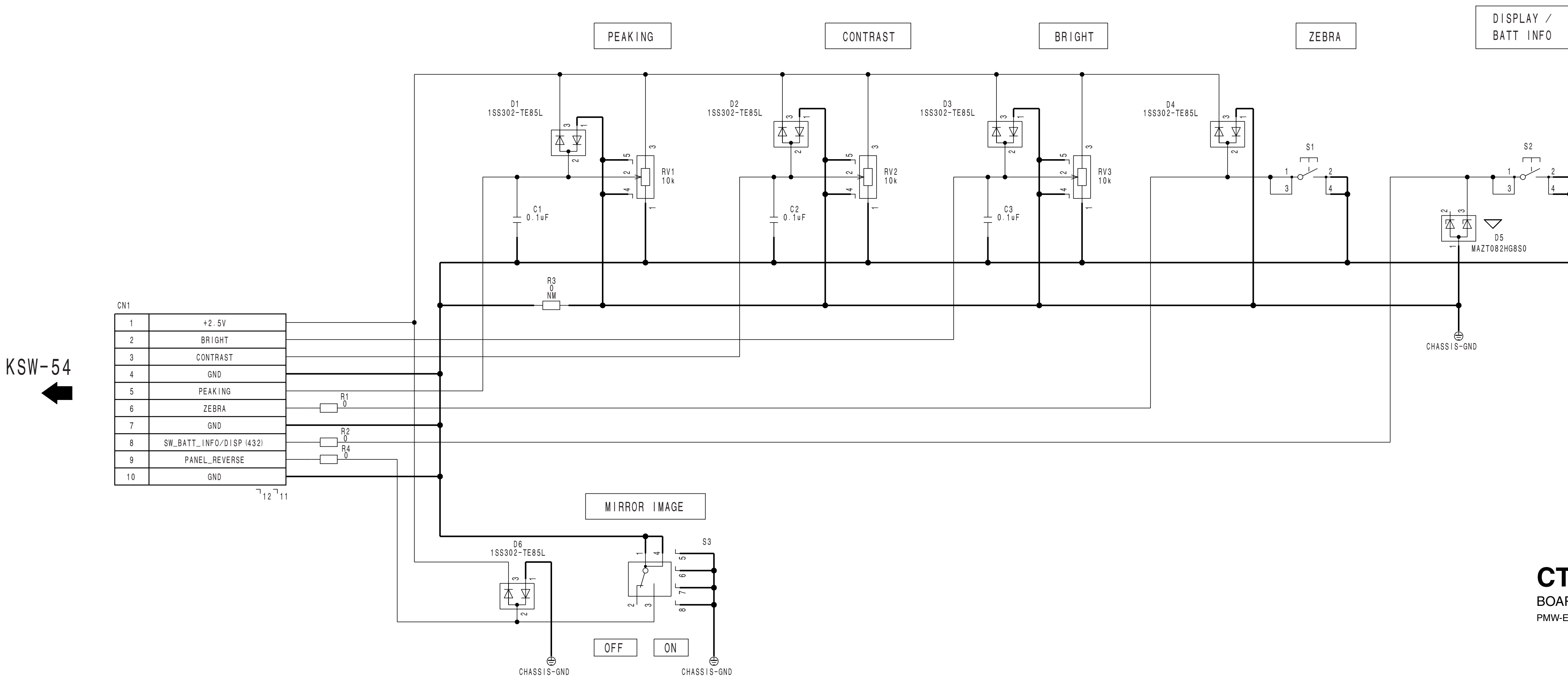
CN-3024
BOARD NO. 1-877-237-11
PMW-EX3_CN-3024_011_1



CN-3050
BOARD NO. 1-877-260-11
PMW-EX3_CN-3050_011_1

A B C D E F G H

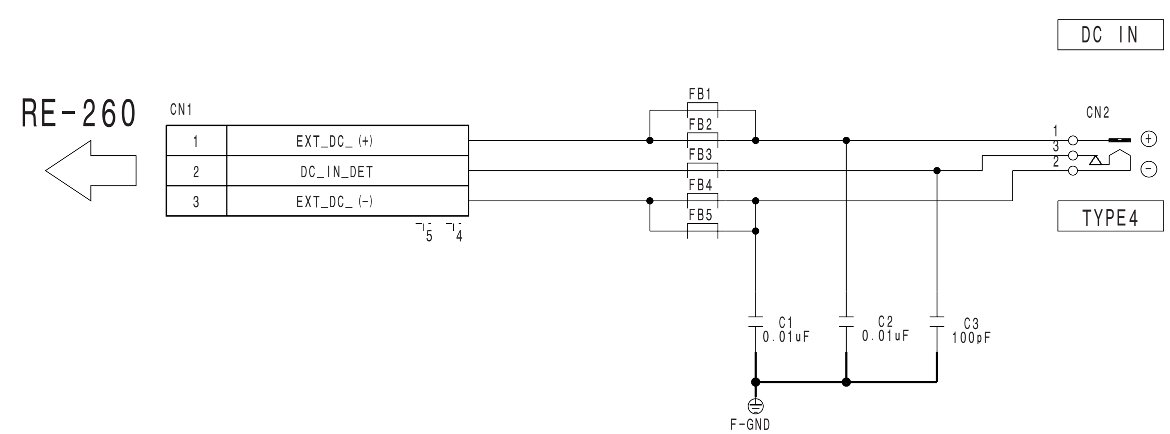
CT-251, DC-146
SUFFIX: -11 SUFFIX: -11



CT-251

BOARD NO. 1-877-252-11

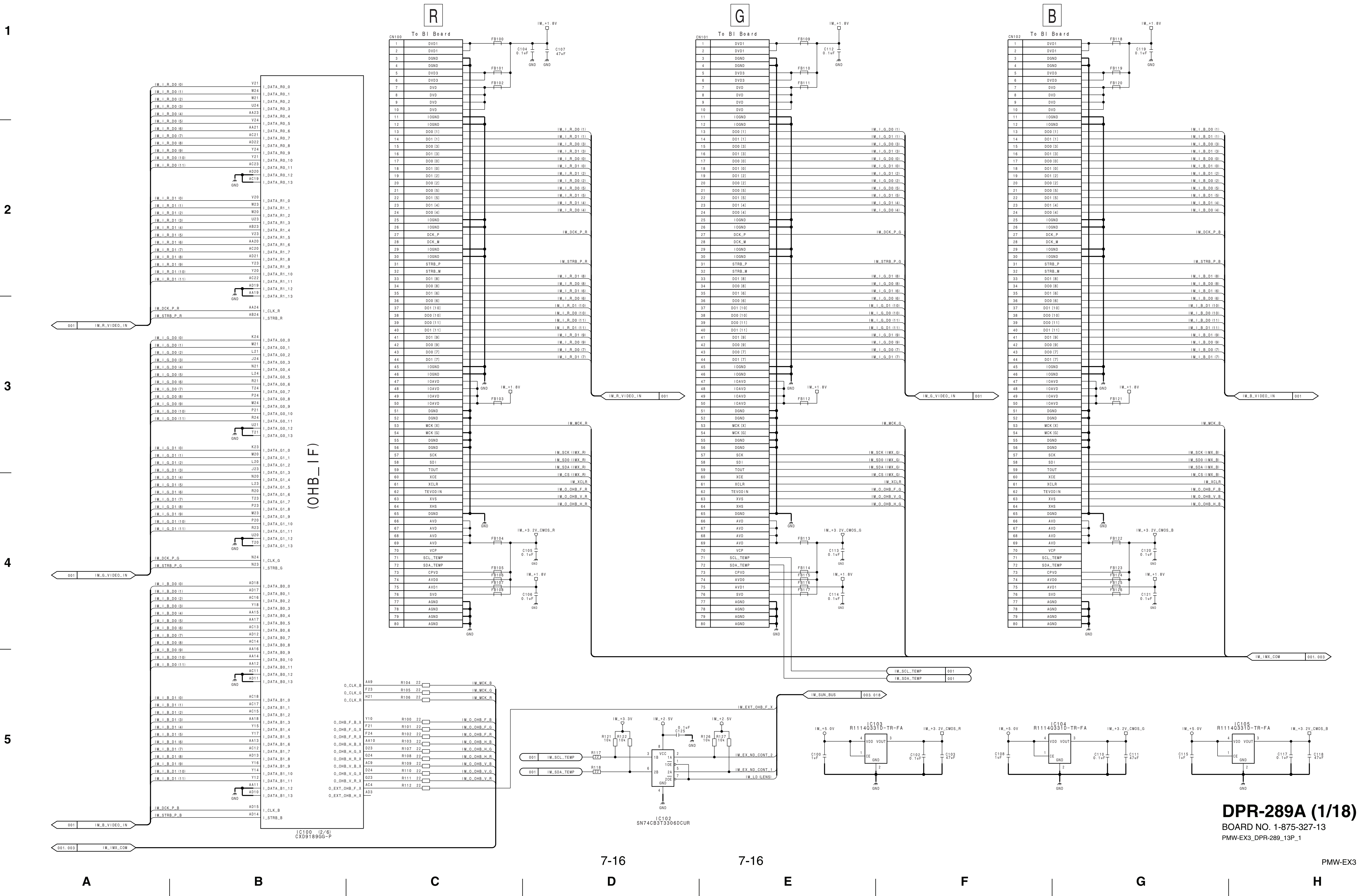
PMW-EX3_CT-251_11F_1



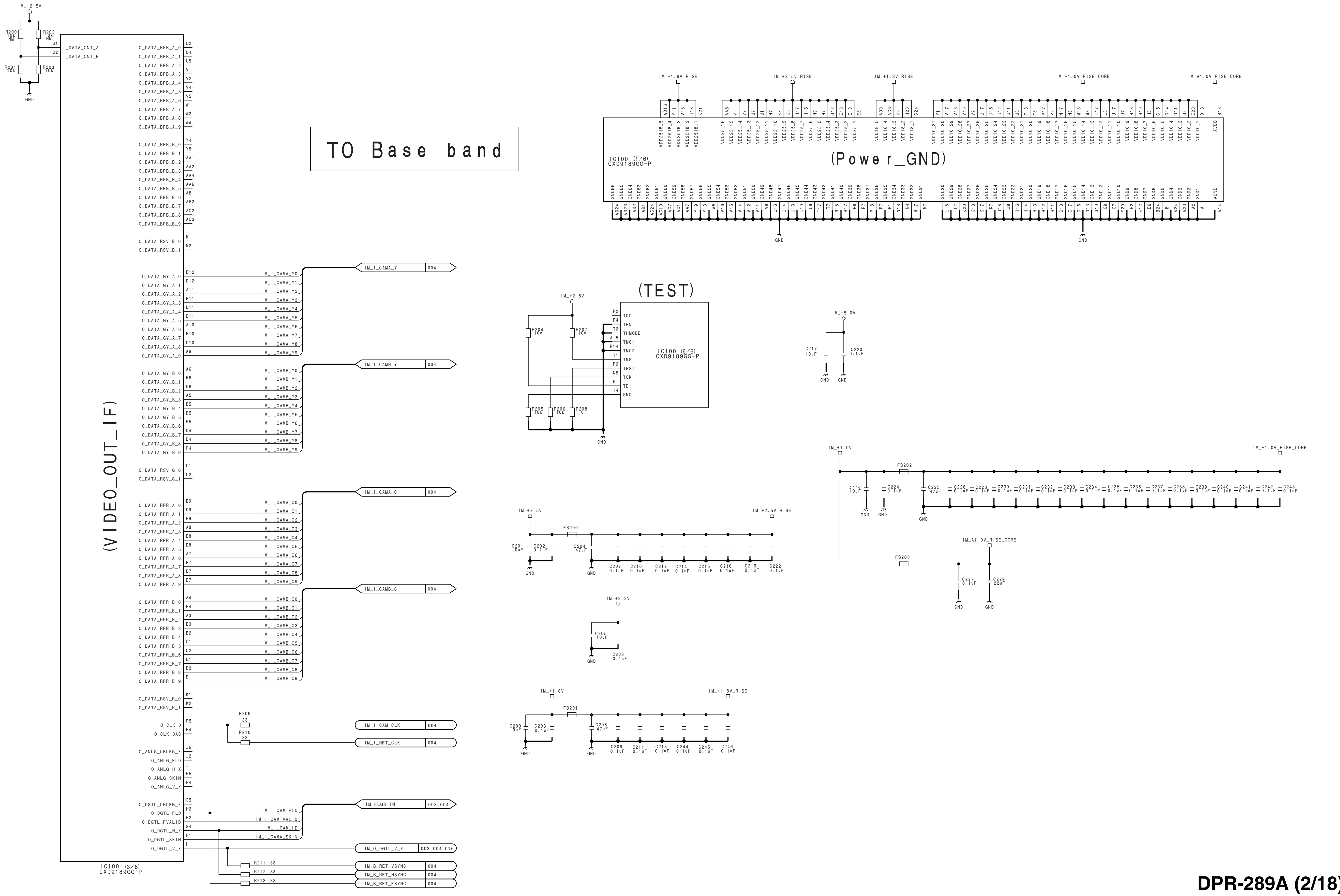
DC-146

BOARD NO. 1-877-258-11

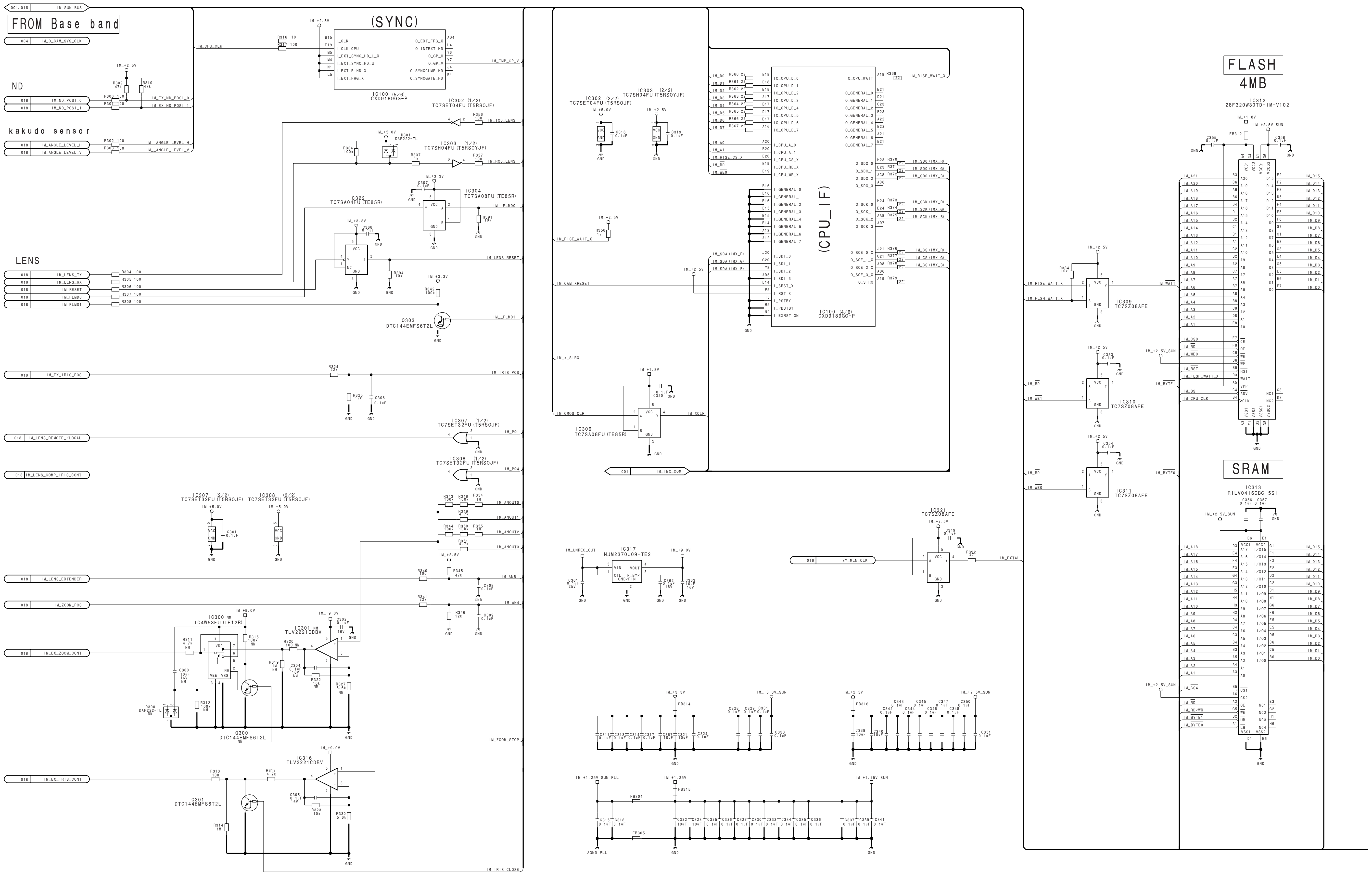
PMW-EX3_DC-146_011_1



DPR-289A (1/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_1

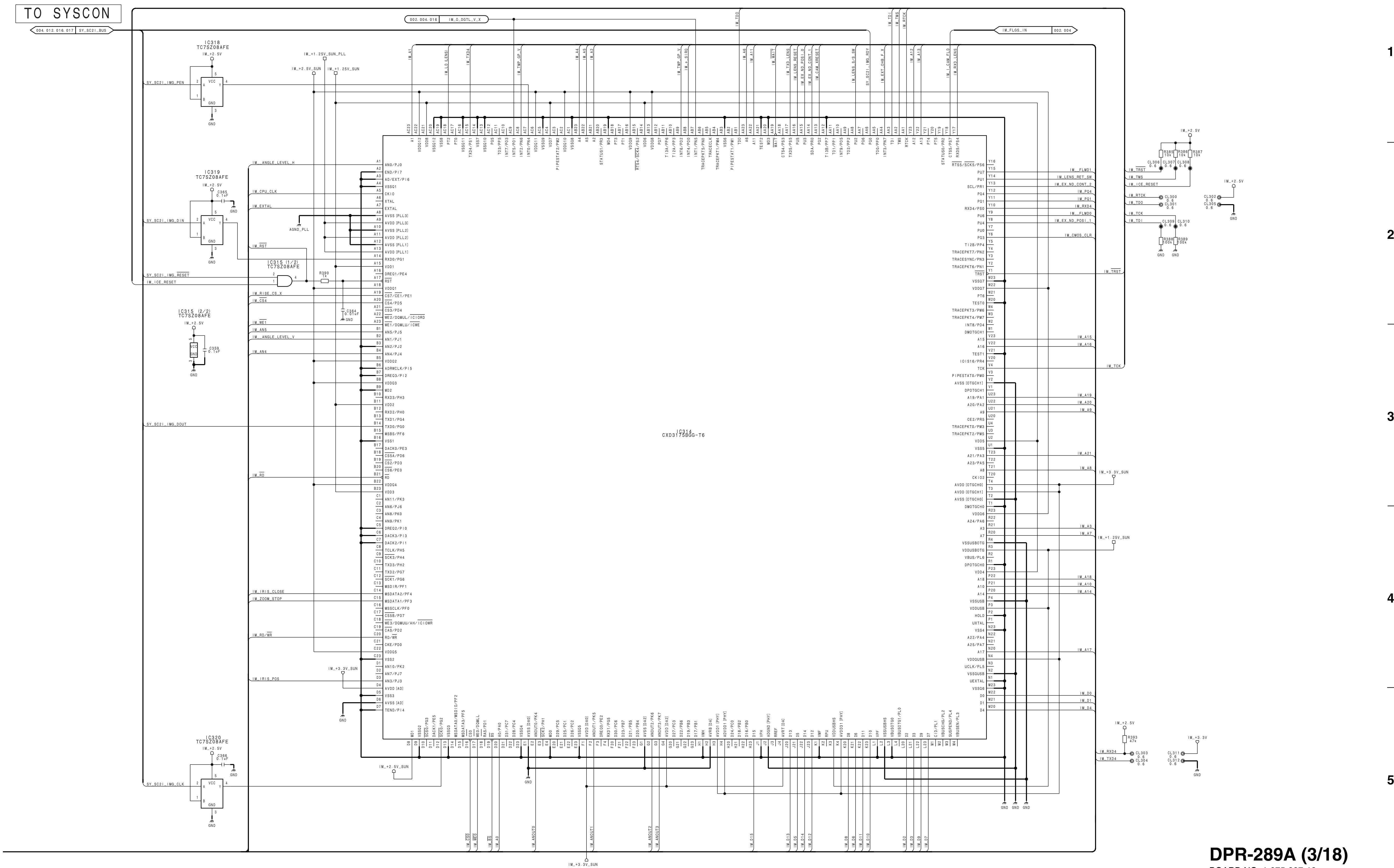


DPR-289A (2/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_2



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A B C D E F G H

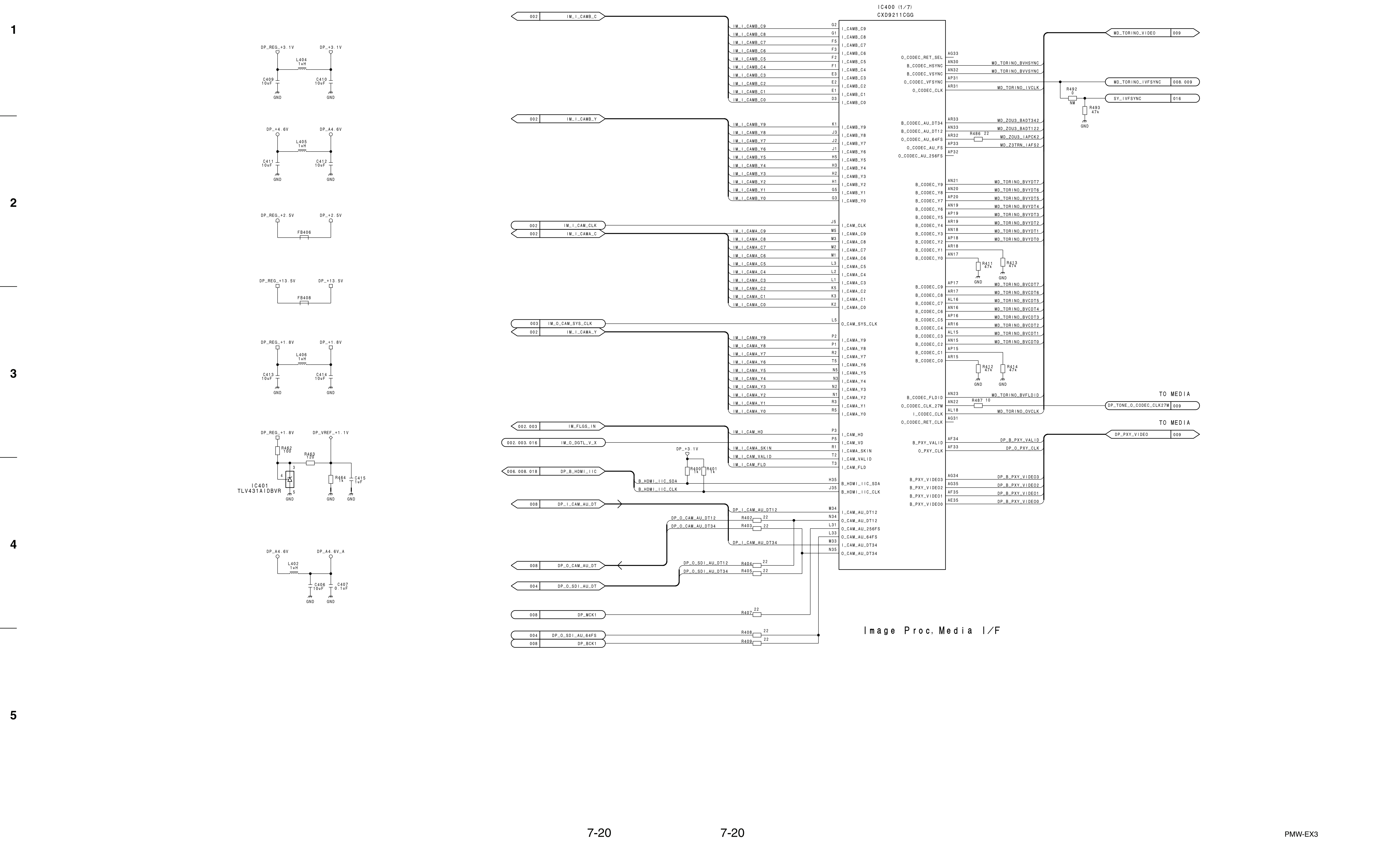


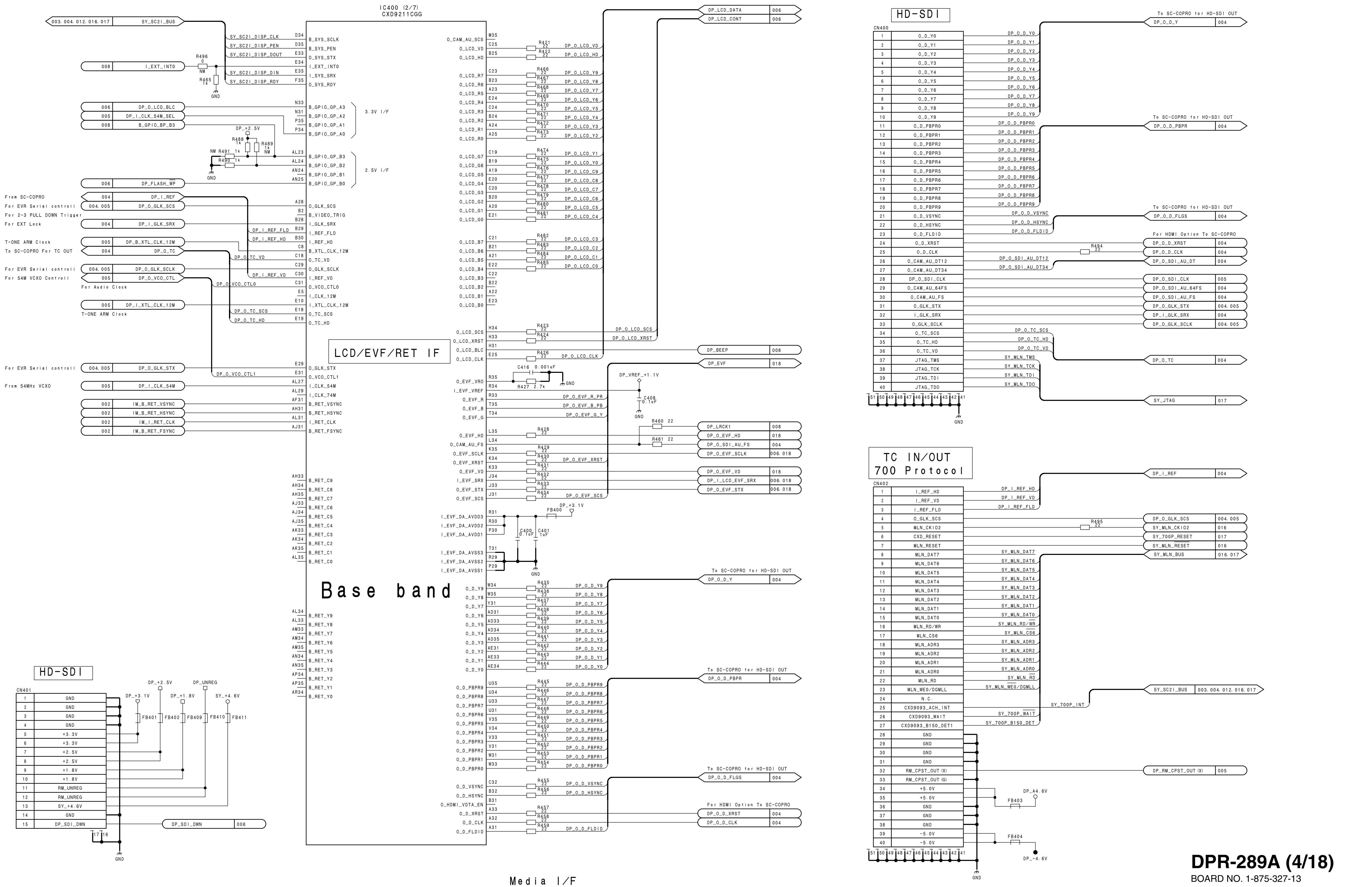
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DPR-289A (3/18)

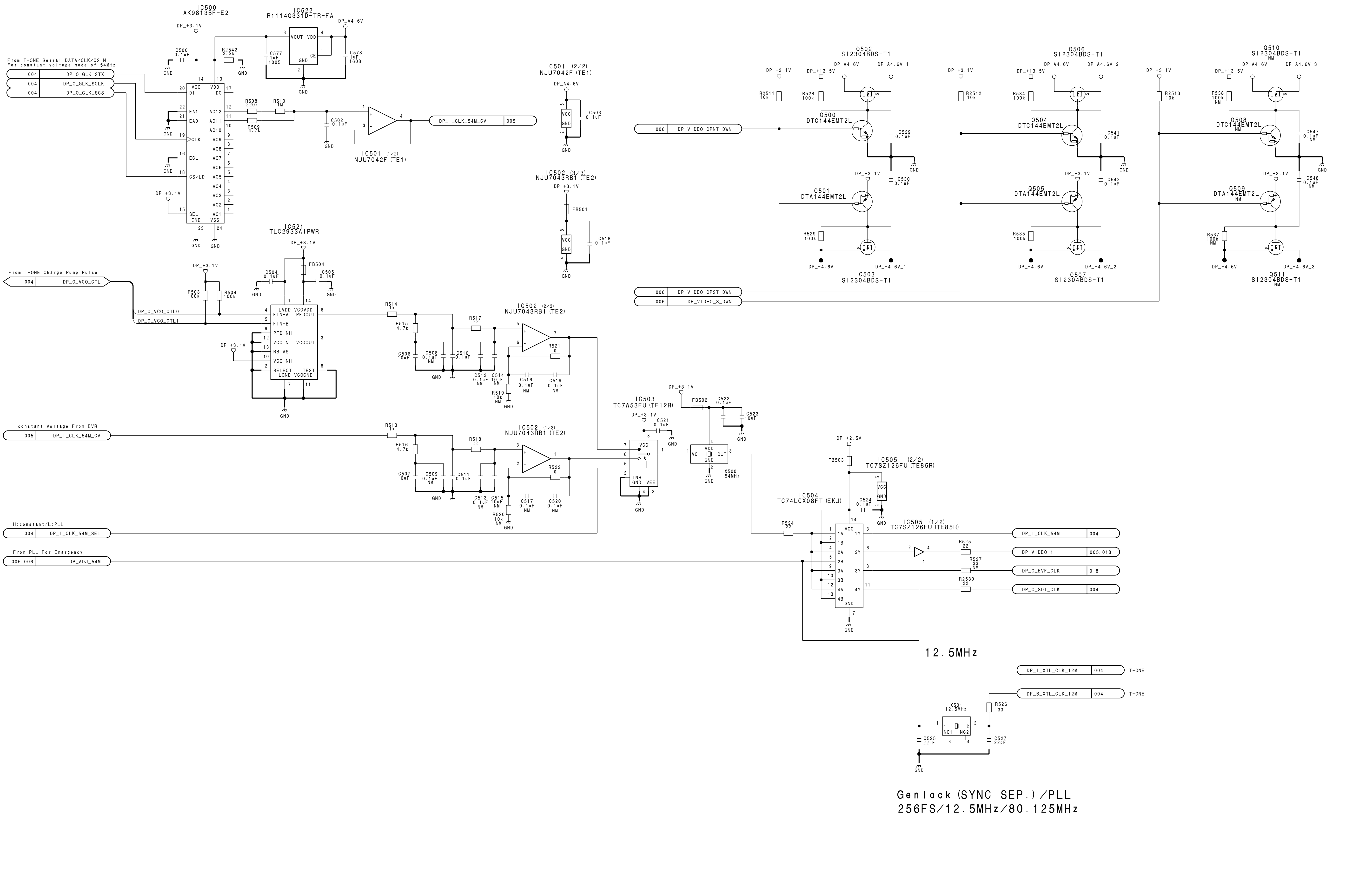
BOARD NO. 1-875-327-13

PMW-EX3_DPR-289_13P_3

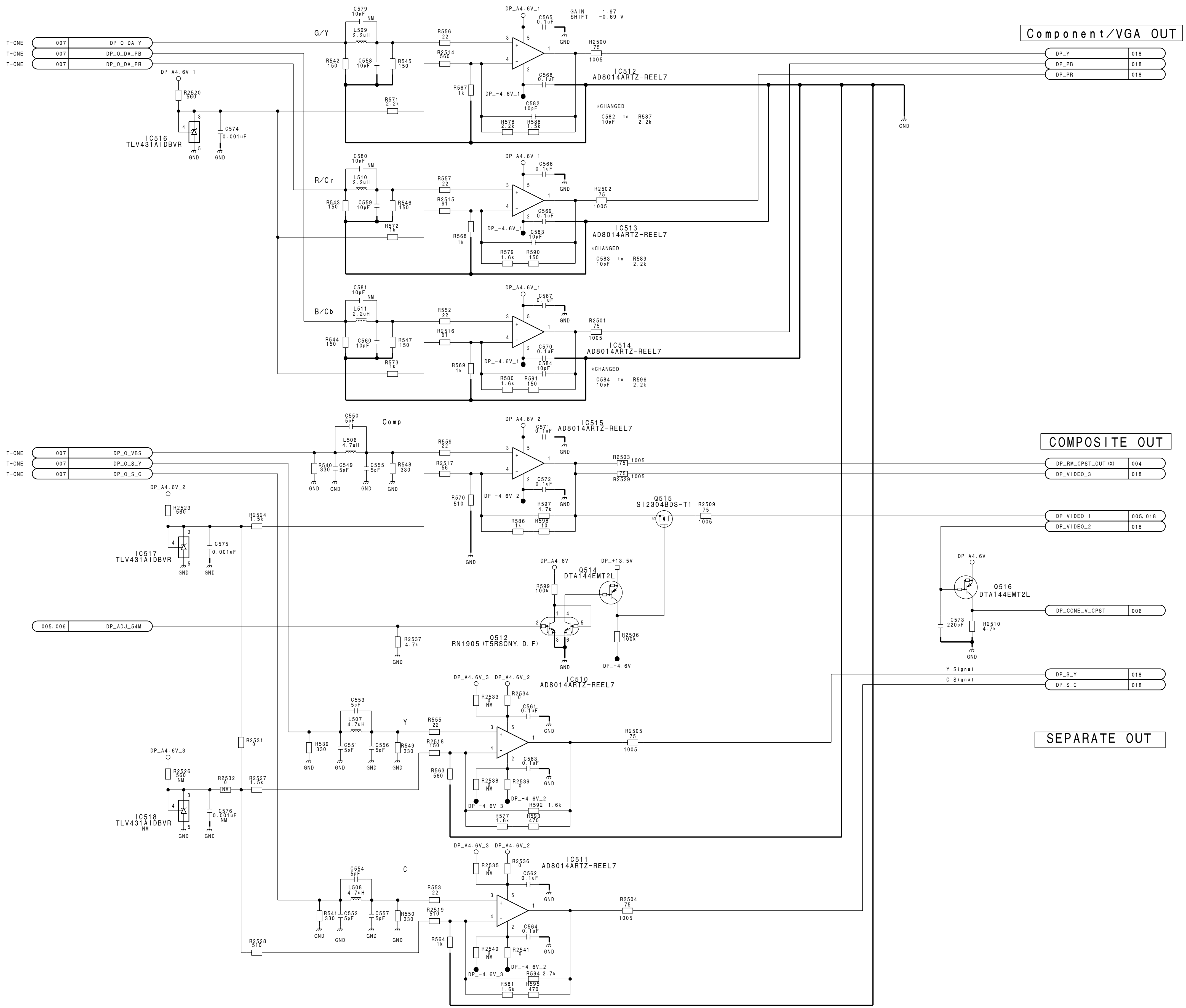

IC400 (1/7)
CXD9211CGG
IC401
TLV431AIDBVR
TO MEDIA
TO MEDIA
Image Proc, Media I/F



DPR-289A (4/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_4


IC500 AK9813BF-E2
IC522 R1114Q331D-TR-FA
IC501 (2/2) NJU7042F (TE1)
IC501 (1/2) NJU7042F (TE1)
IC502 (3/3) NJU7043RB1 (TE2)
IC521 TLC2933AIPWR
IC502 (2/3) NJU7043RB1 (TE2)
IC502 (1/3) NJU7043RB1 (TE2)
IC503 TC7W53FU (TE12R)
IC504 TC74LCX08FT (EKJ)
IC505 (2/2) TC7SZ126FU (TE85R)
IC505 (1/2) TC7SZ126FU (TE85R)
Q502 SI2304BDS-T1
Q506 SI2304BDS-T1
Q510 SI2304BDS-T1
Q500 DTC144EMT2L
Q504 DTC144EMT2L
Q508 DTC144EMT2L
Q501 DTA144EMT2L
Q505 DTA144EMT2L
Q509 DTA144EMT2L
Q503 SI2304BDS-T1
Q507 SI2304BDS-T1
Q511 SI2304BDS-T1
From T-ONE Serial DATA/CLK/CS N
For constant voltage mode of 54MHz
DP_O_GLK_STX
DP_O_GLK_SCLK
DP_O_GLK_SCS
From T-ONE Charge Pump Pulse
DP_O_VCO_CTL
constant Voltage From EVR
DP_I_CLK_54M_CV
H:constant/L:PLL
DP_I_CLK_54M_SEL
From PLL For Emergency
DP_ADJ_54M
DP_VIDEO_CPNT_DWN
DP_VIDEO_CPST_DWN
DP_VIDEO_S_DWN
DP_I_CLK_54M
DP_VIDEO_1
DP_O_EVF_CLK
DP_O_SDI_CLK
12.5MHz
DP_I_XTL_CLK_12M
DP_B_XTL_CLK_12M
T-ONE
X500 54MHz
X501 12.5MHz
Genlock (SYNC SEP.)/PLL
256FS/12.5MHz/80.125MHz

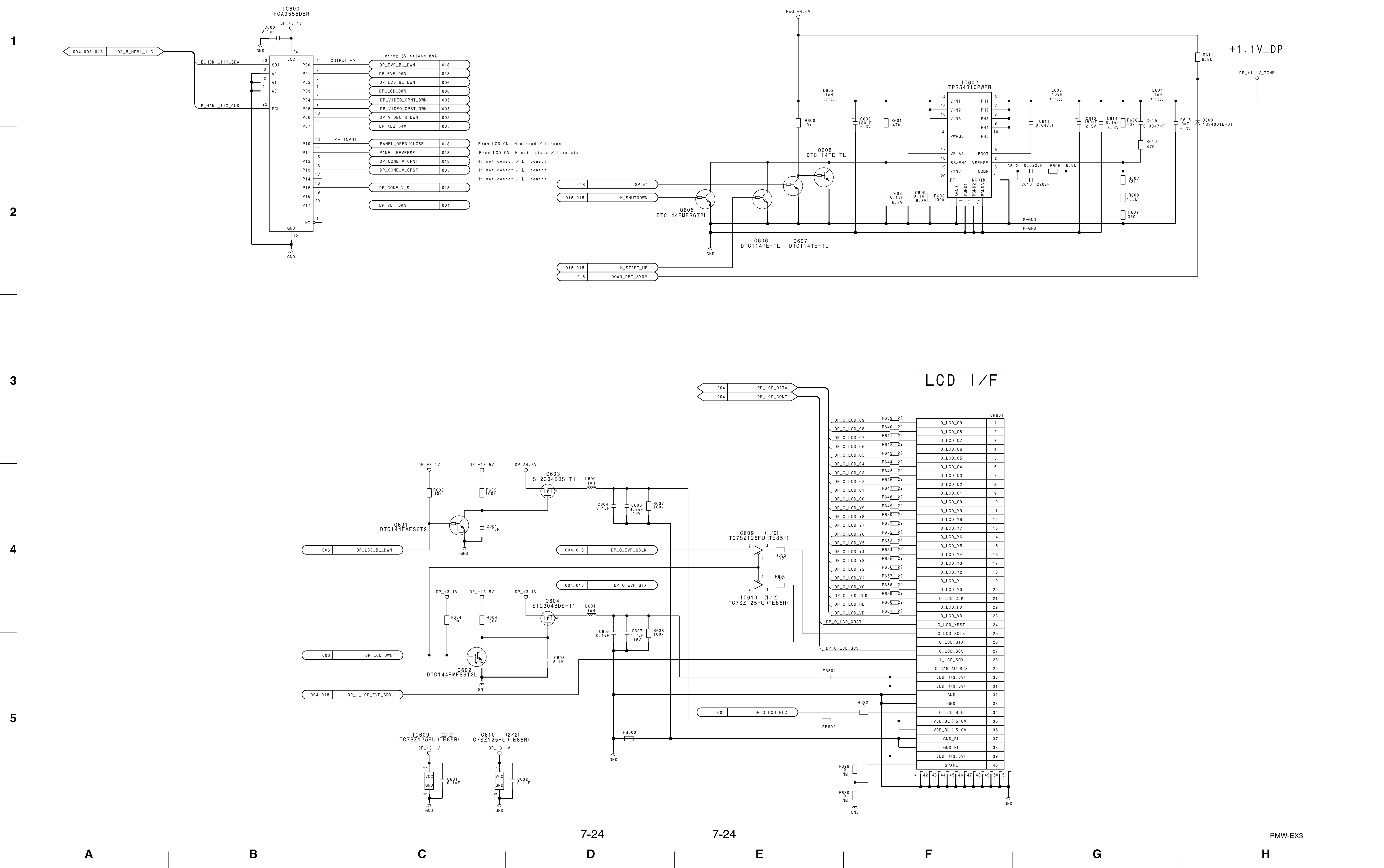
DPR-289A (5/18)
SUFFIX: -13



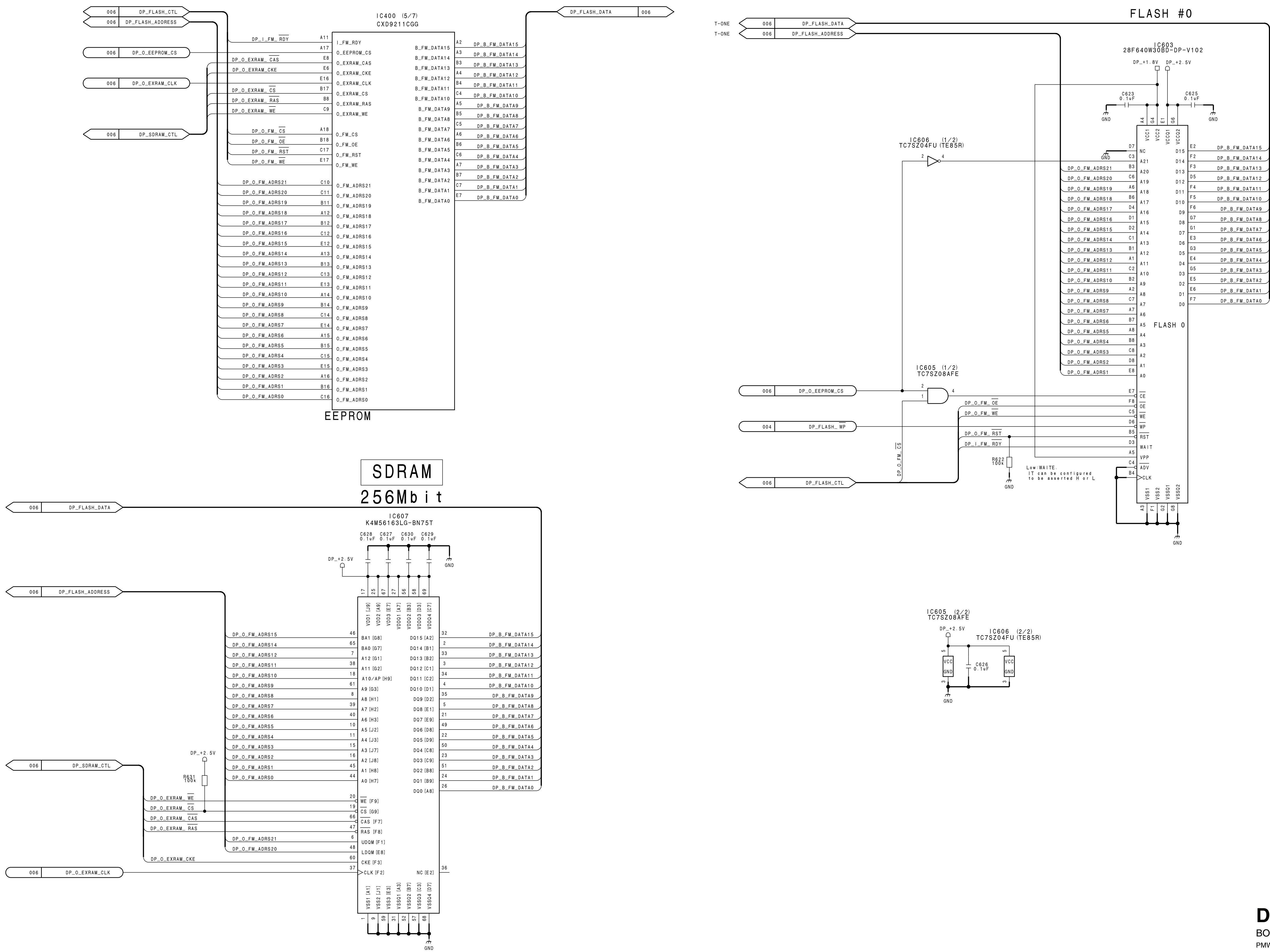
DPR-289A (5/18)

BOARD NO. 1-875-327-13

PMW-EX3_DPR-289_13P_5


IC600
PCA9555DBR
IC602
TPS54310PWPR
+1.1V_DP
DP_+1.1V_TONE
REG_+4.6V
Q605
DTC144EMFS6T2L
Q606
DTC114TE-TL
Q607
DTC114TE-TL
Q608
DTC114TE-TL
LCD I/F
CN601
Q601
DTC144EMFS6T2L
Q602
DTC144EMFS6T2L
Q603
SI2304BDS-T1
Q604
SI2304BDS-T1
IC609 (1/2)
TC7SZ125FU (TE85R)
IC610 (1/2)
TC7SZ125FU (TE85R)
IC609 (2/2)
TC7SZ125FU (TE85R)
IC610 (2/2)
TC7SZ125FU (TE85R)
DP_B_HDMI_IIC
DP_EVF_BL_DWN
DP_EVF_DWN
DP_LCD_BL_DWN
DP_LCD_DWN
DP_VIDEO_CPNT_DWN
DP_VIDEO_CPST_DWN
DP_VIDEO_S_DWN
DP_ADJ_54M
PANEL_OPEN/CLOSE
PANEL_REVERSE
DP_CONE_V_CPNT
DP_CONE_V_CPST
DP_CONE_V_S
DP_SDI_DWN
GP_S1
H_SHUTDOWN
H_START_UP
DOWN_DET_SYDP
DP_LCD_DATA
DP_LCD_CONT
DP_O_EVF_SCLK
DP_O_EVF_STX
DP_I_LCD_EVF_SRX
DP_O_LCD_BLC

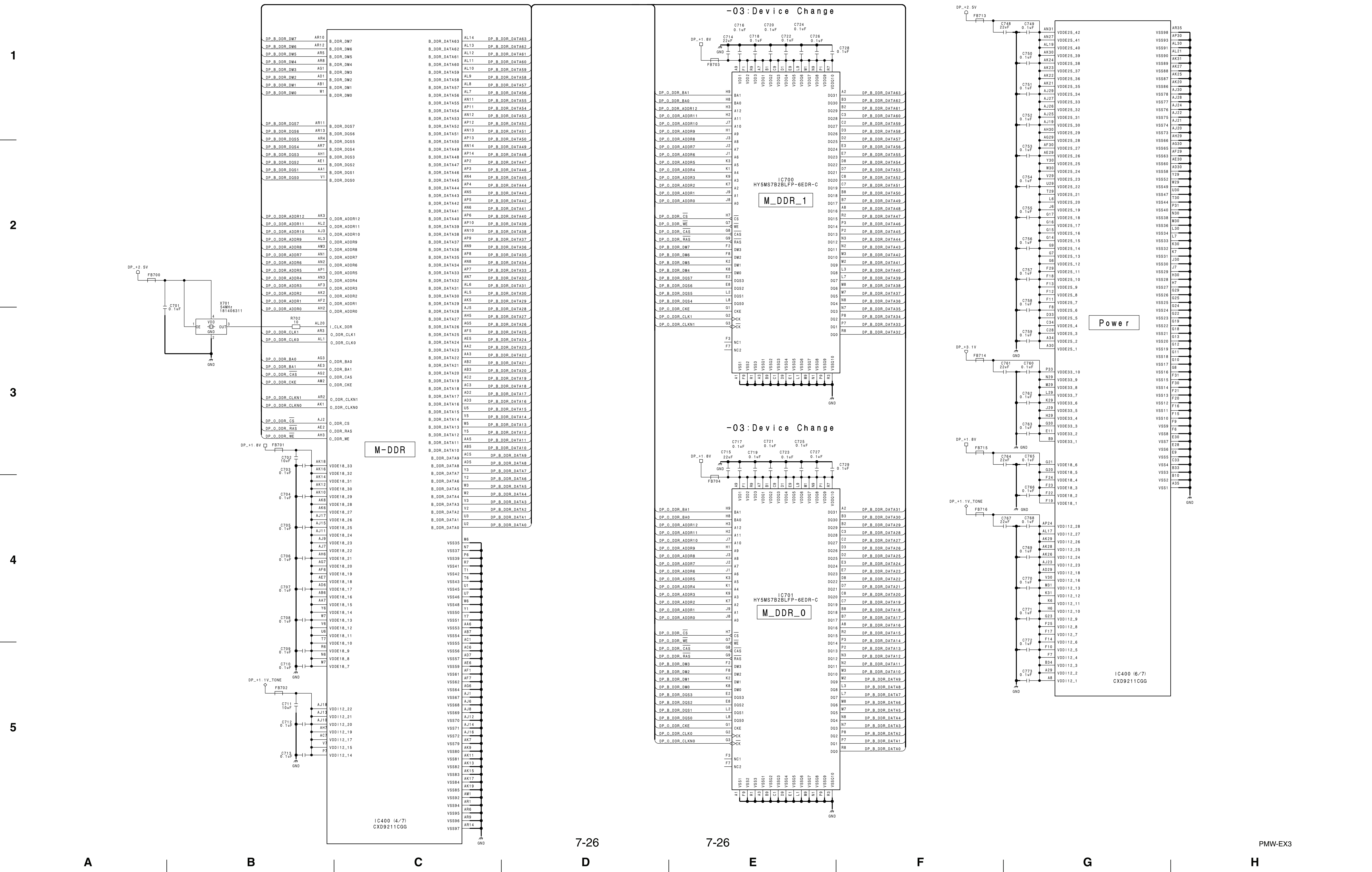
DPR-289A (6/18)
SUFFIX: -13

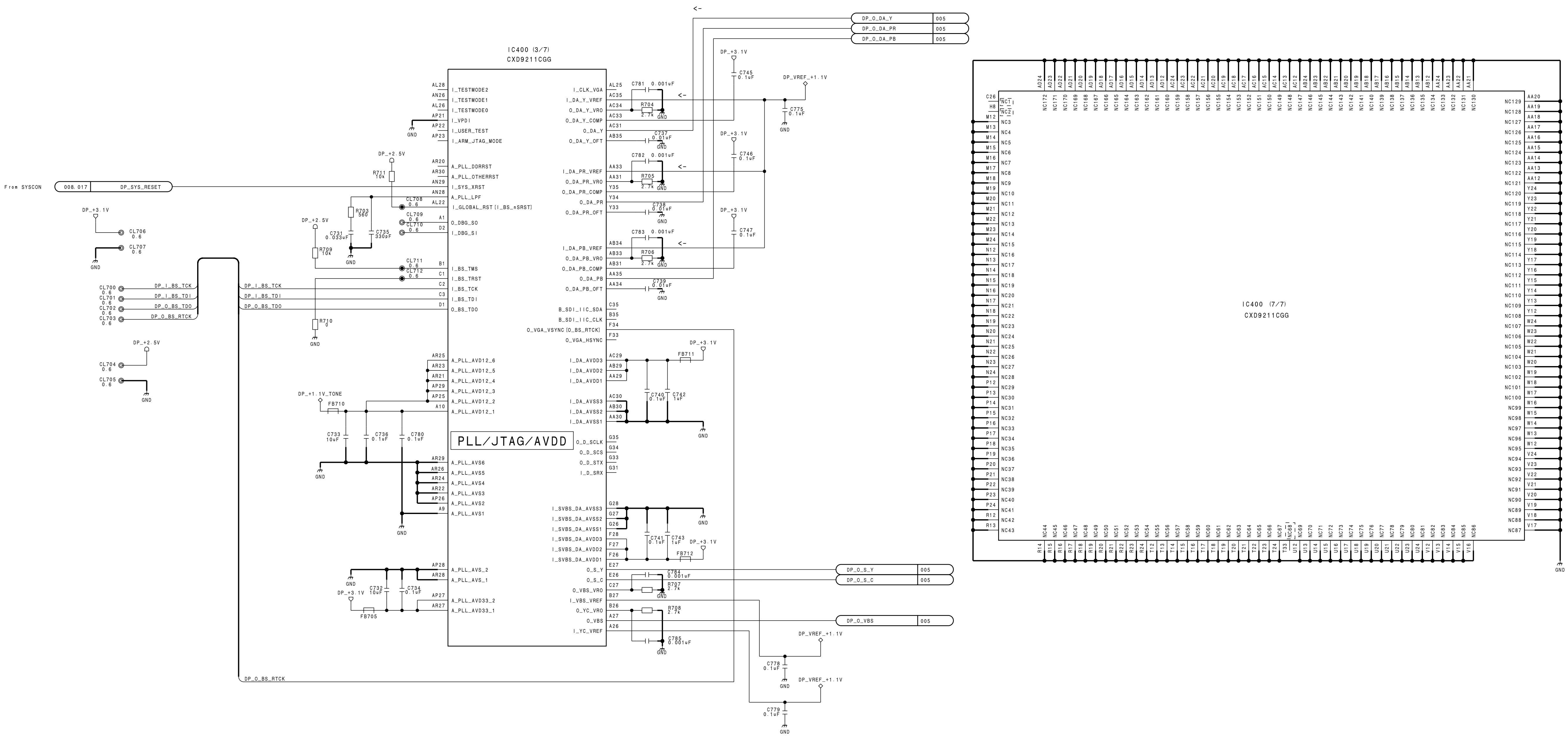


DPR-289A (6/18)

BOARD NO. 1-875-327-13

PMW-EX3_DPR-289_13P_6


-03:Device Change
IC700
HY5MS7B2BLFP-6EDR-C
M_DDR_1
-03:Device Change
IC701
HY5MS7B2BLFP-6EDR-C
M_DDR_0
M-DDR
IC400 (4/7)
CXD9211CGG
Power
IC400 (6/7)
CXD9211CGG
X701
54MHz
1



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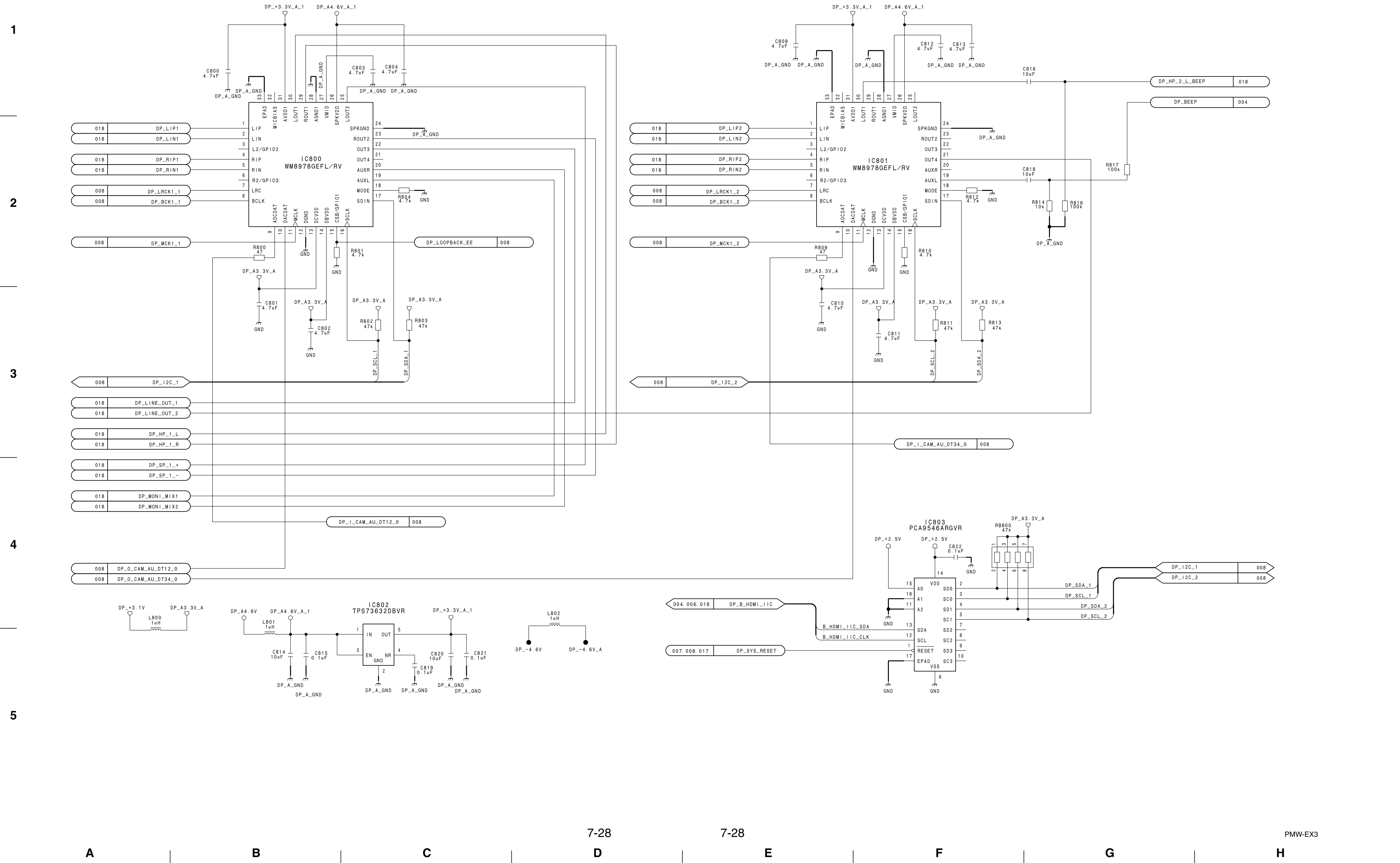
DPR-289A (7/18)

BOARD NO. 1-875-327-13

PMW-EX3_DPR-289_13P_7

I | J | K | L | M | N | O | P

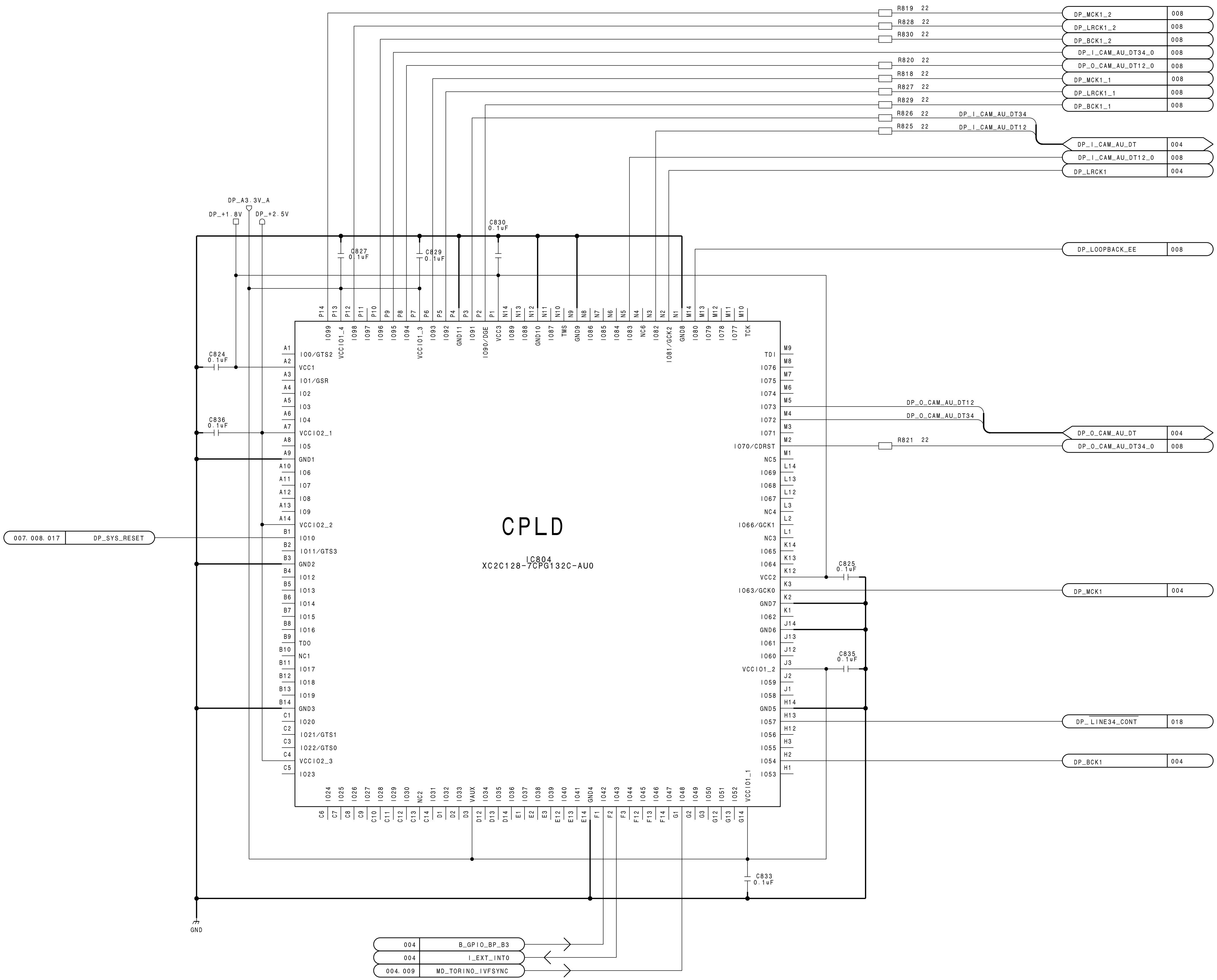
DPR-289A (8/18)
SUFFIX: -13



7-28

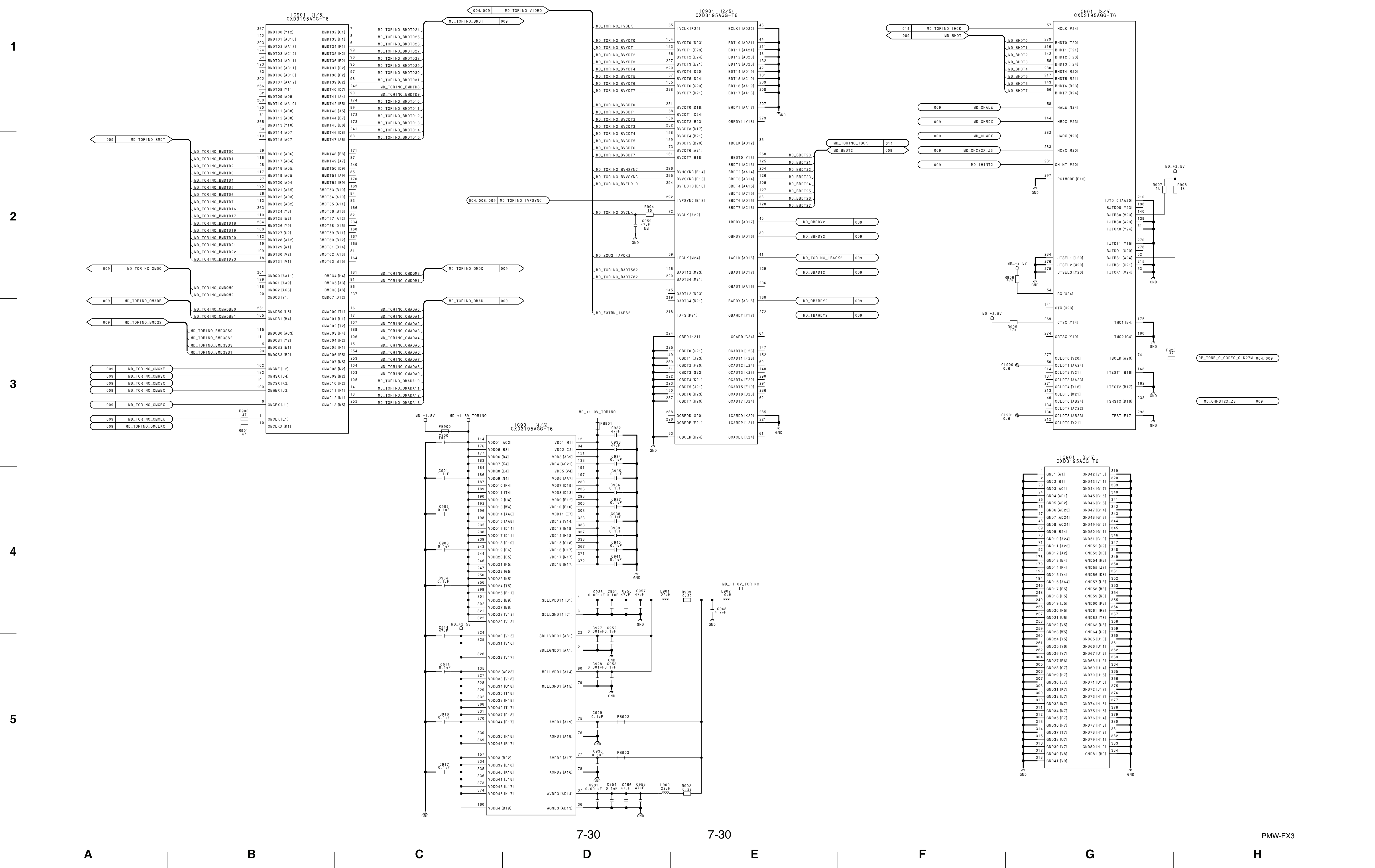
PMW-EX3

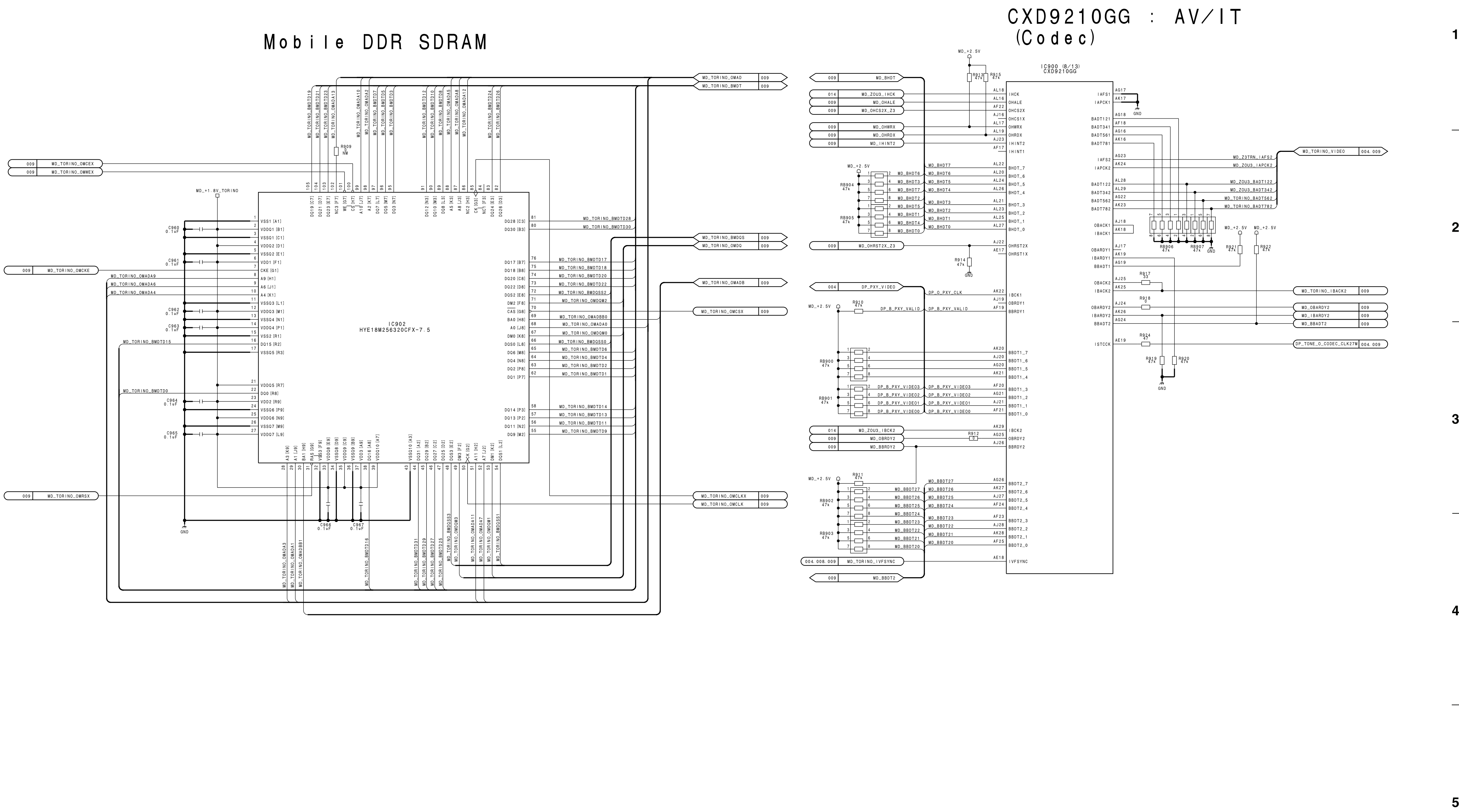
DPR-289A (8/18)
SUFFIX: -13



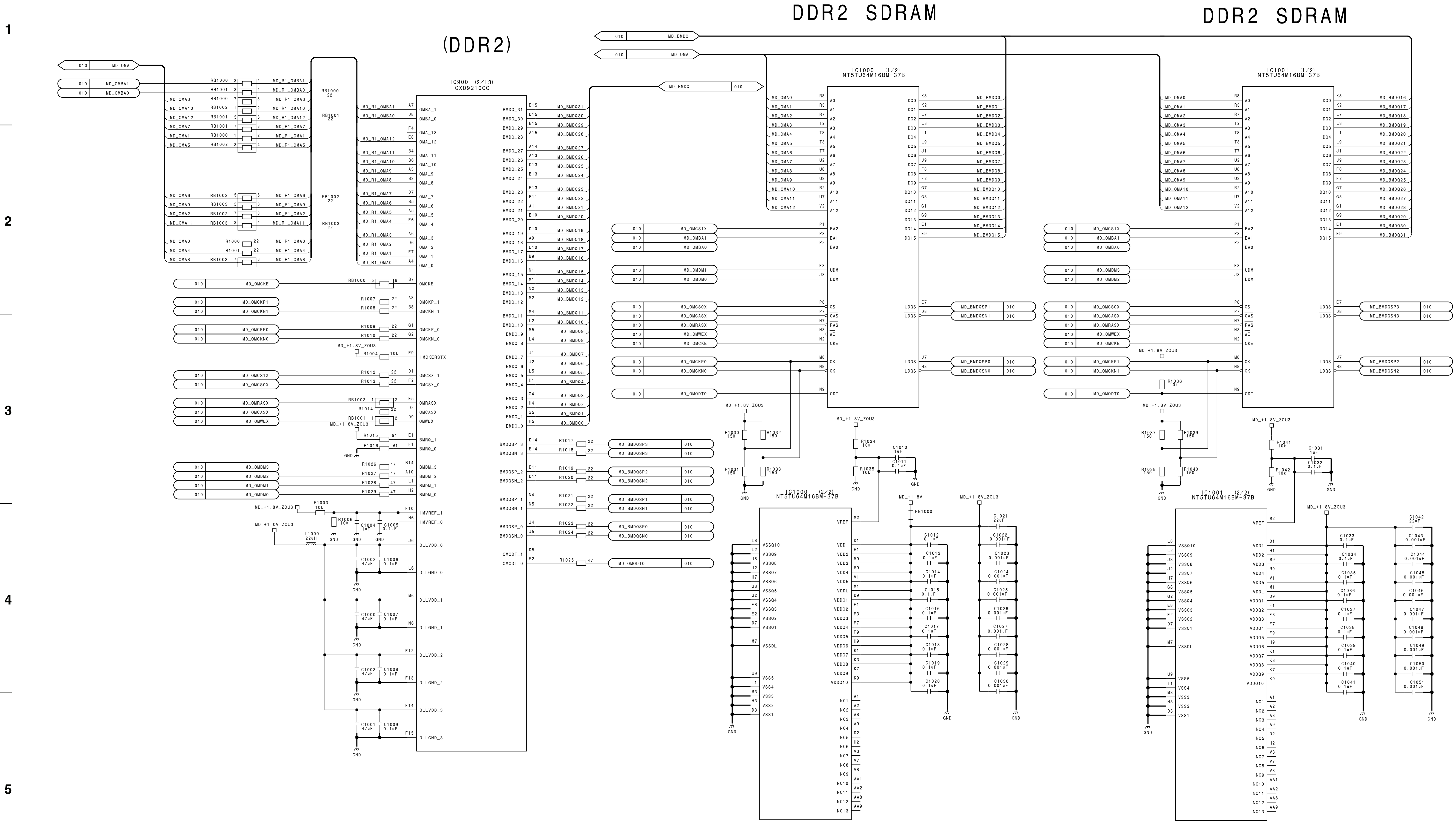
DPR-289A (8/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_8

7-29



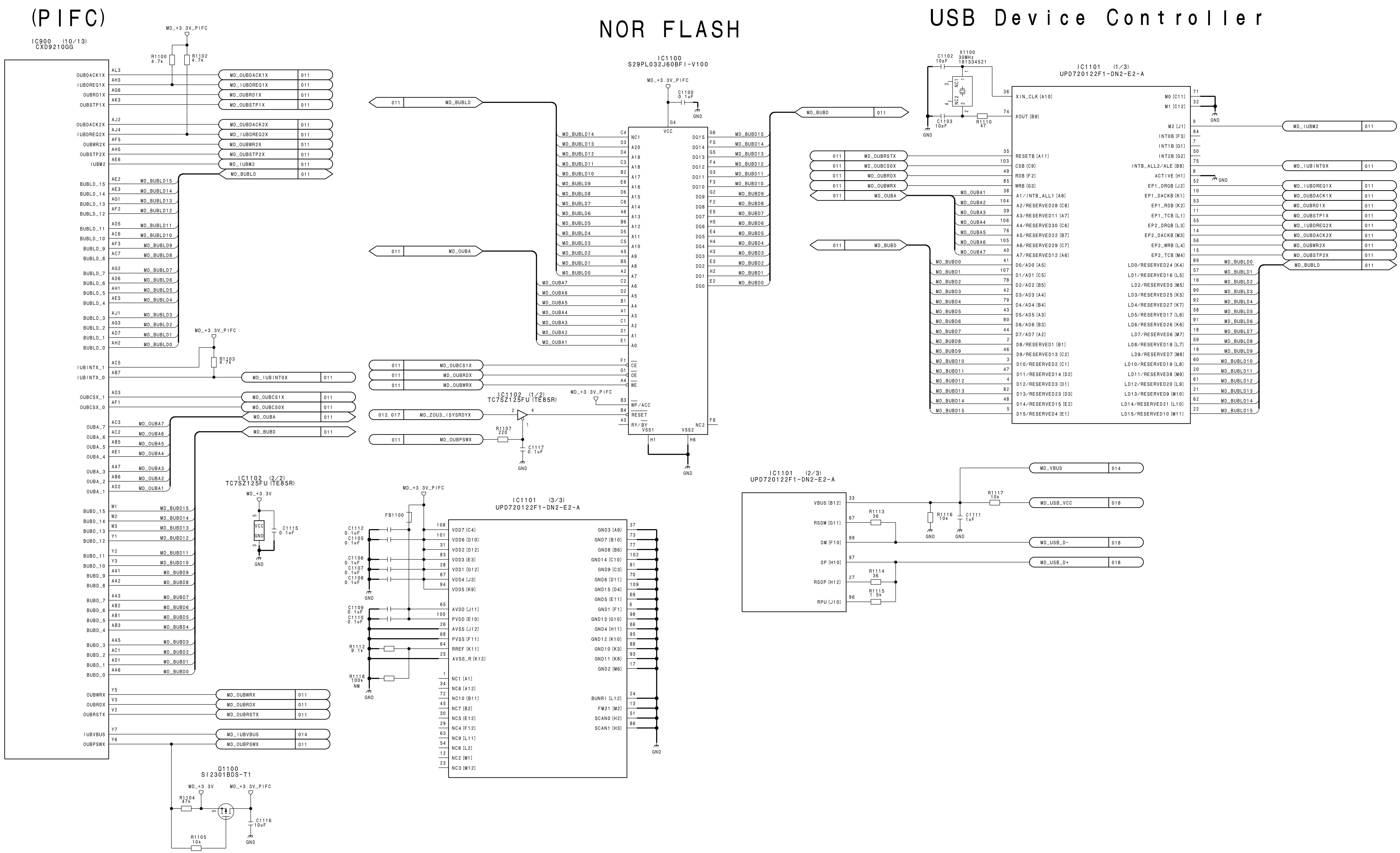


DPR-289A (9/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_9



DPR-289A (10/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_10

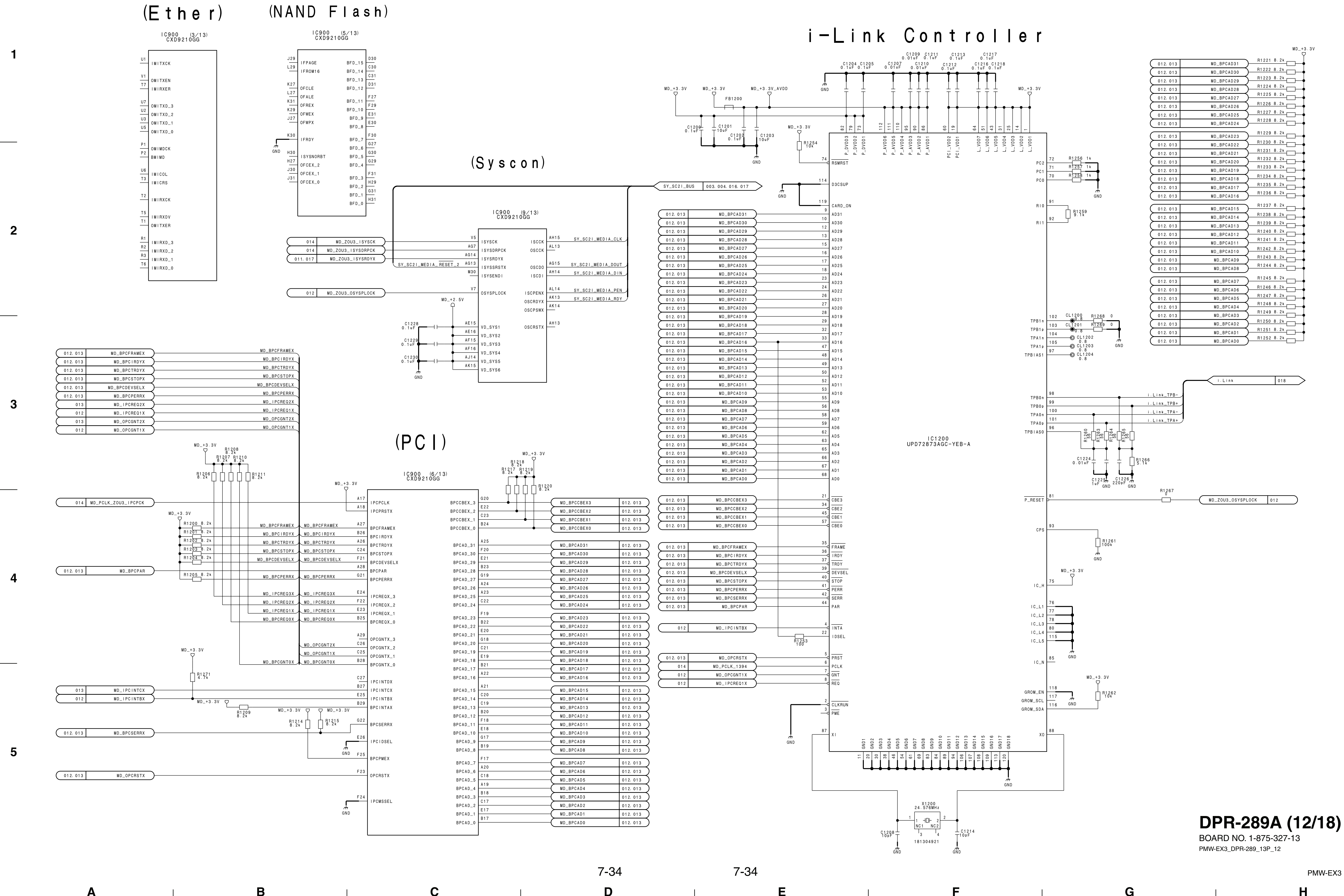
DPR-289A (11/18)
SUFFIX: -13



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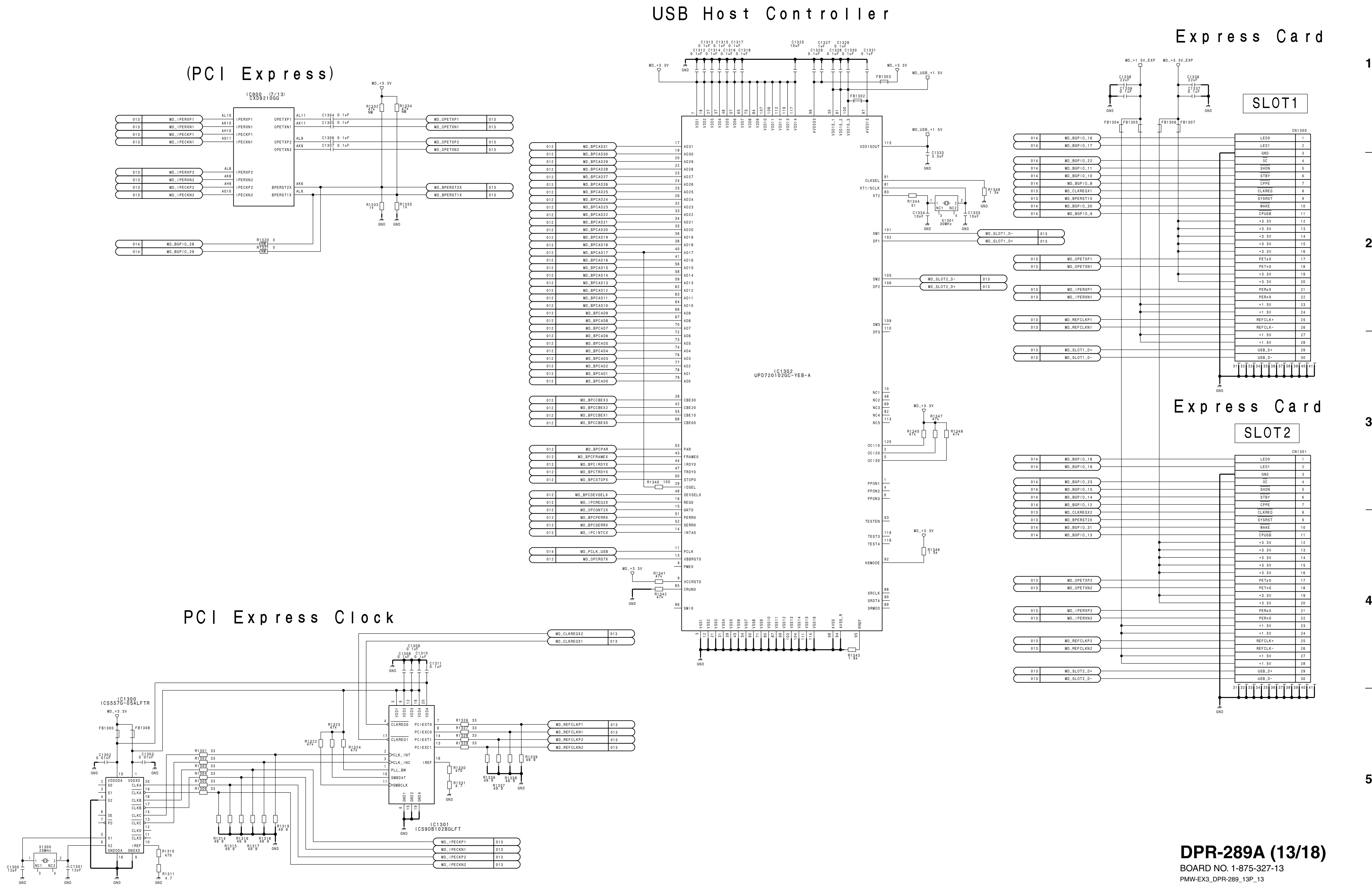
DPR-289A (11/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_11

A B C D E F G H

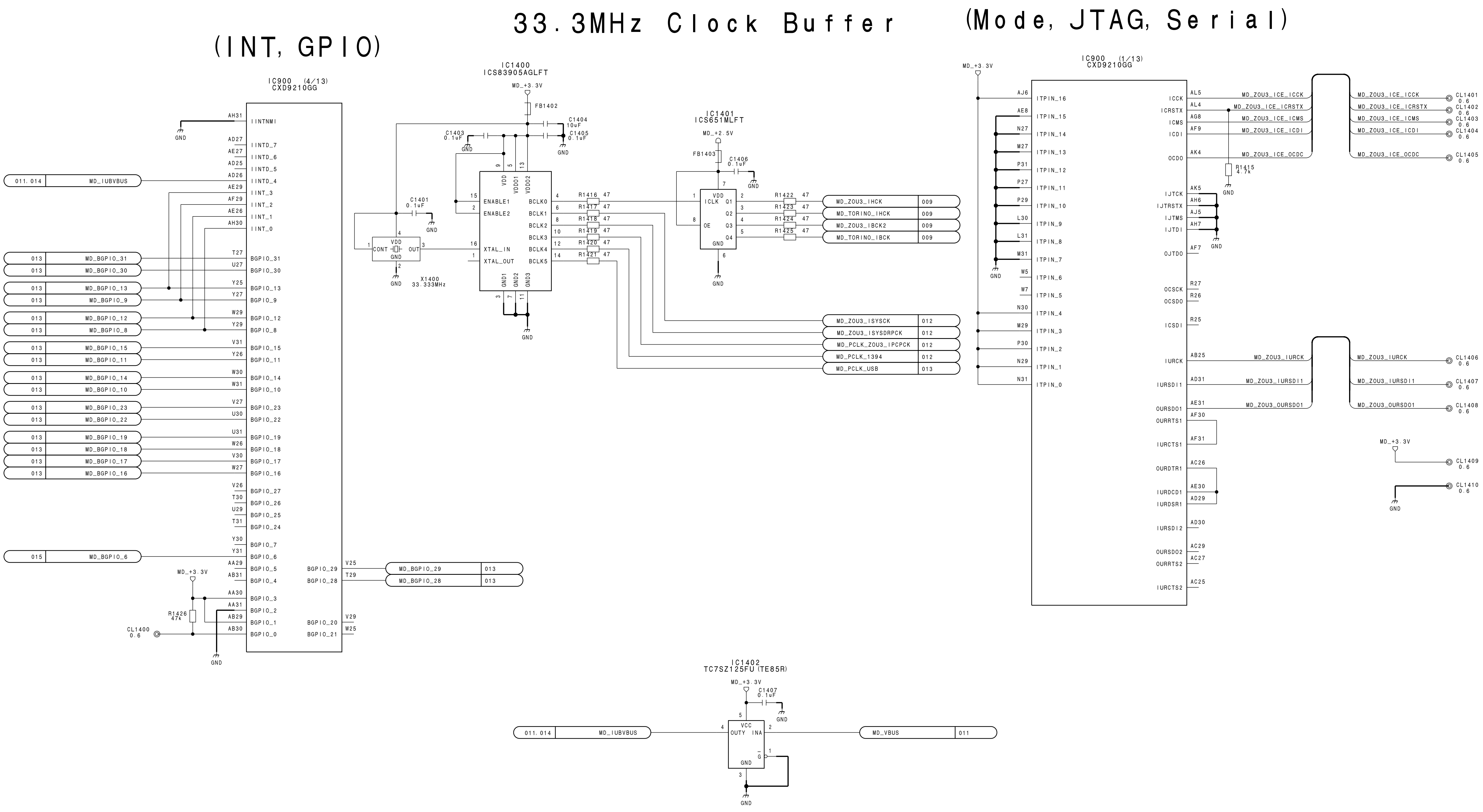


DPR-289A (12/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_12

DPR-289A (13/18)
SUFFIX: -13

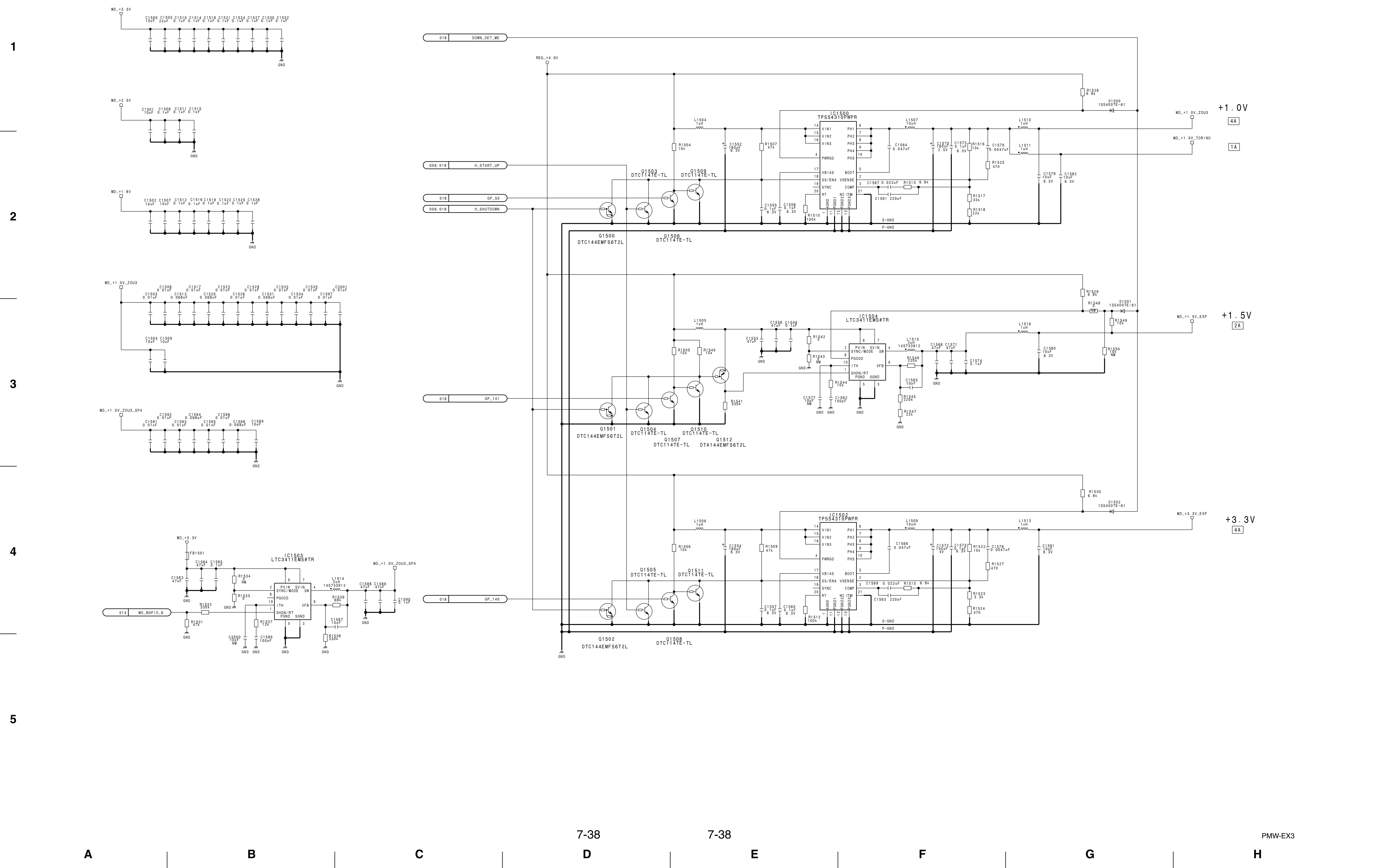


DPR-289A (13/18)
BOARD NO. 1-875-327-13
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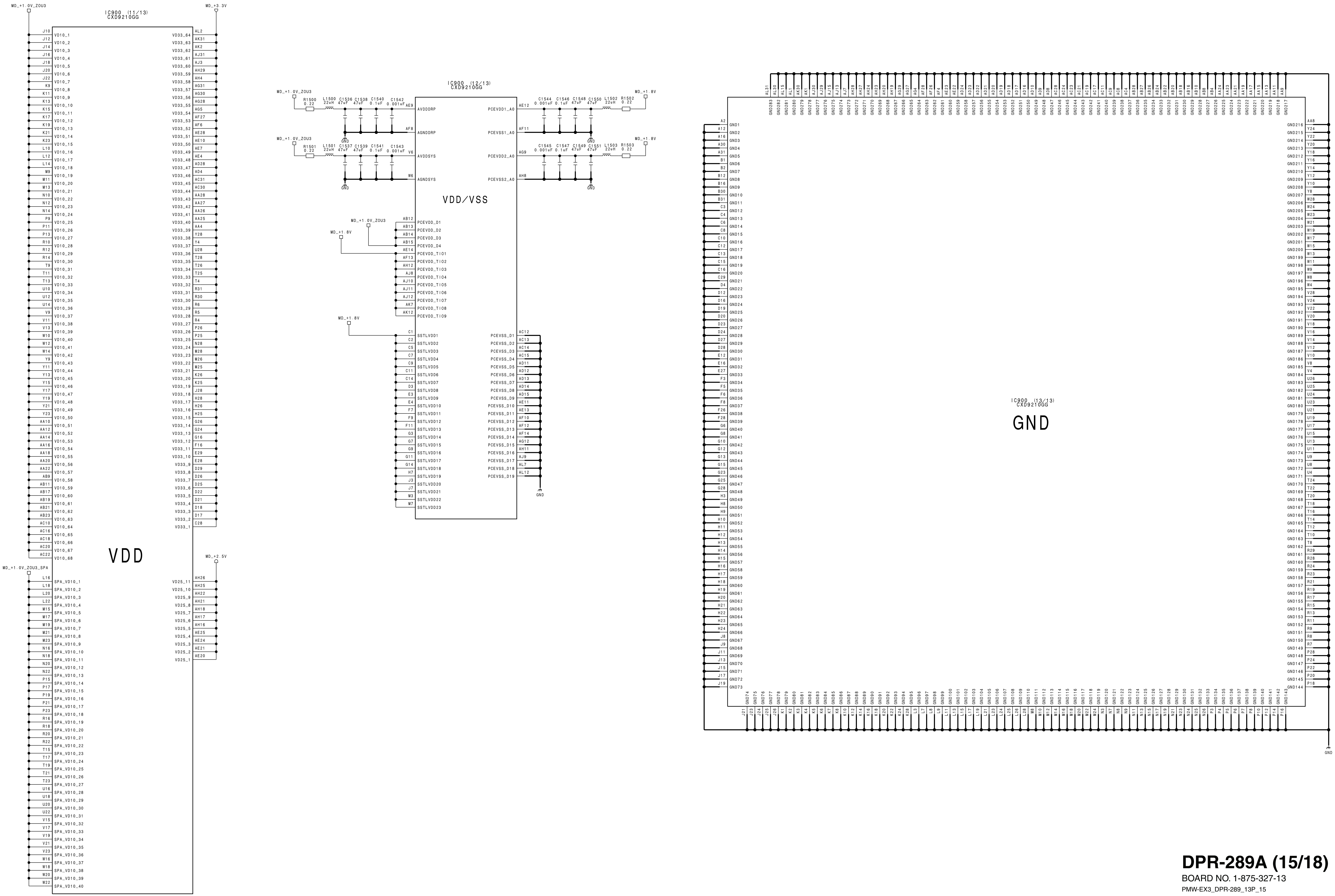


DPR-289A (14/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_14

DPR-289A (15/18)
SUFFIX: -13



DPR-289A (15/18)
SUFFIX: -13



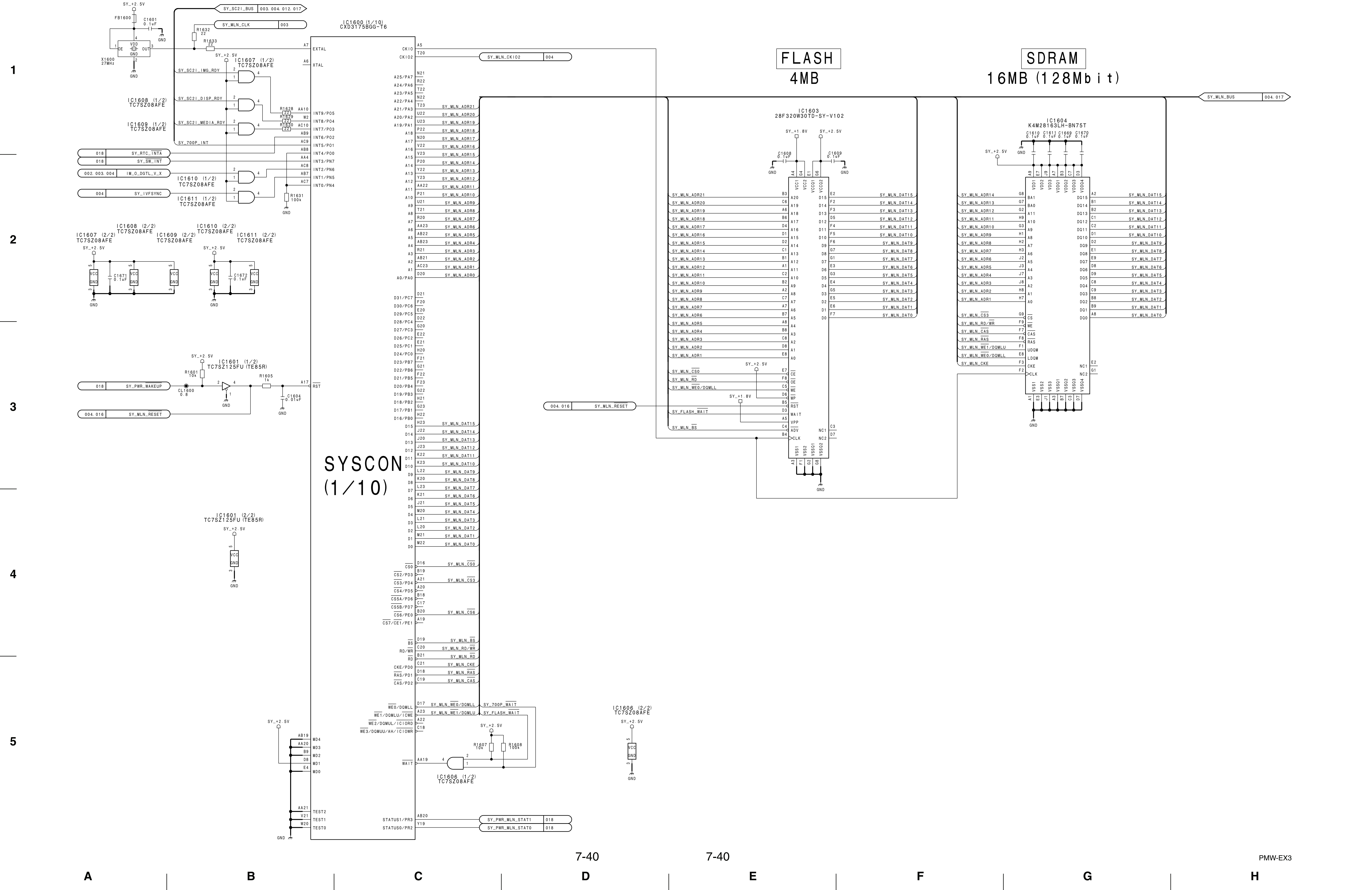
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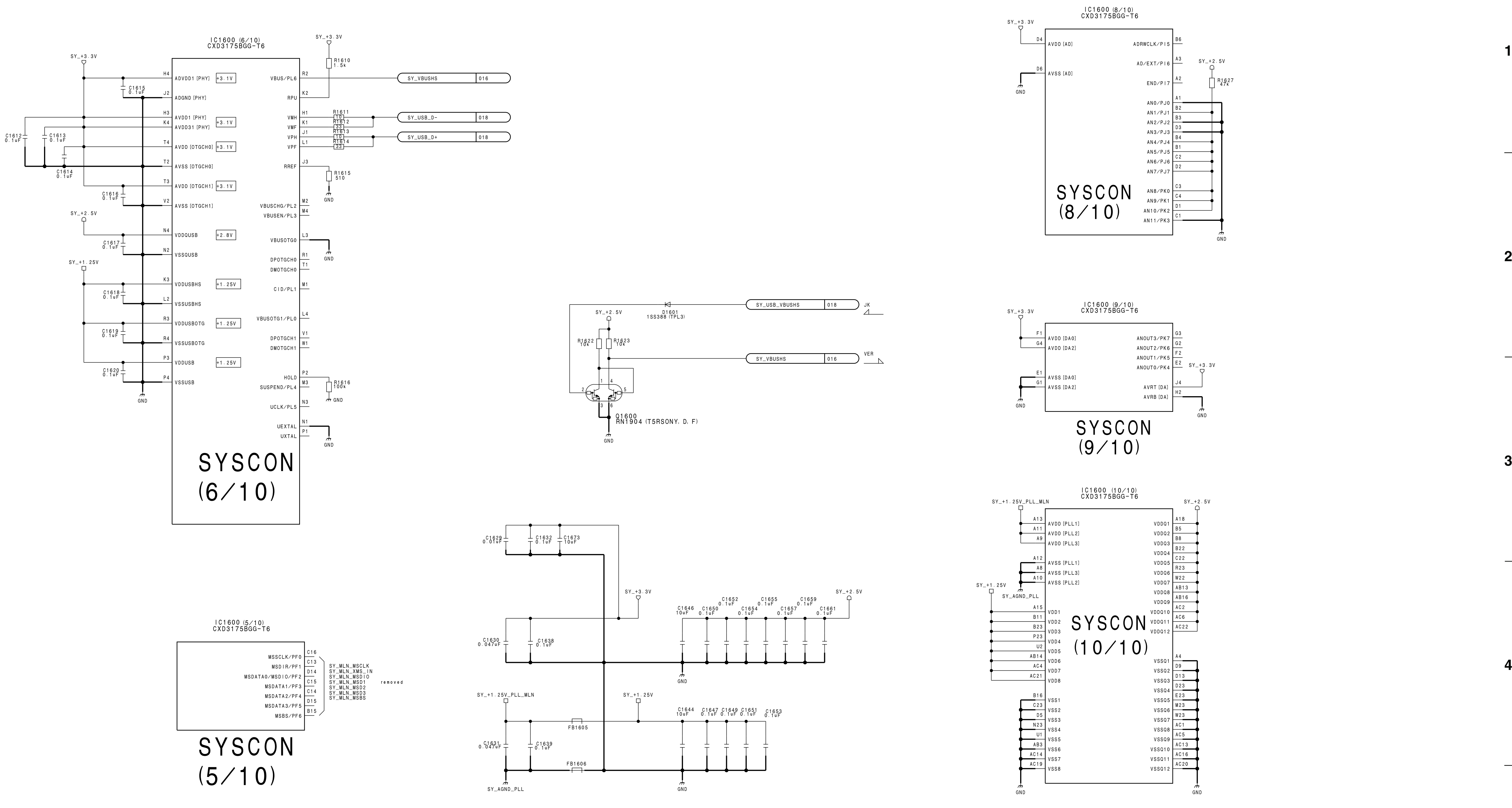
DPR-289A (15/18)

BOARD NO. 1-875-327-13

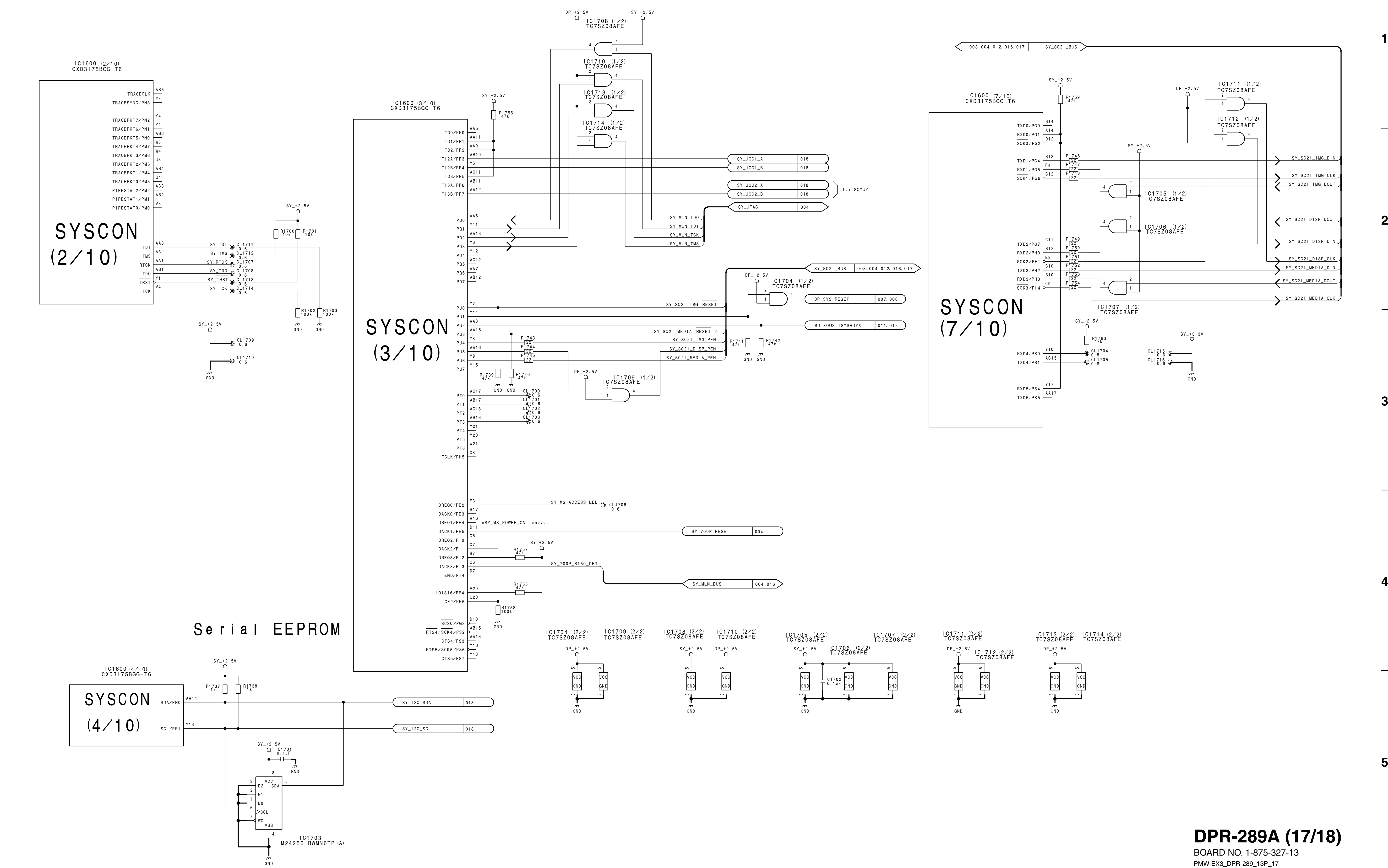
PMW-EX3_DPR-289_13P_15

I J K L M N O P

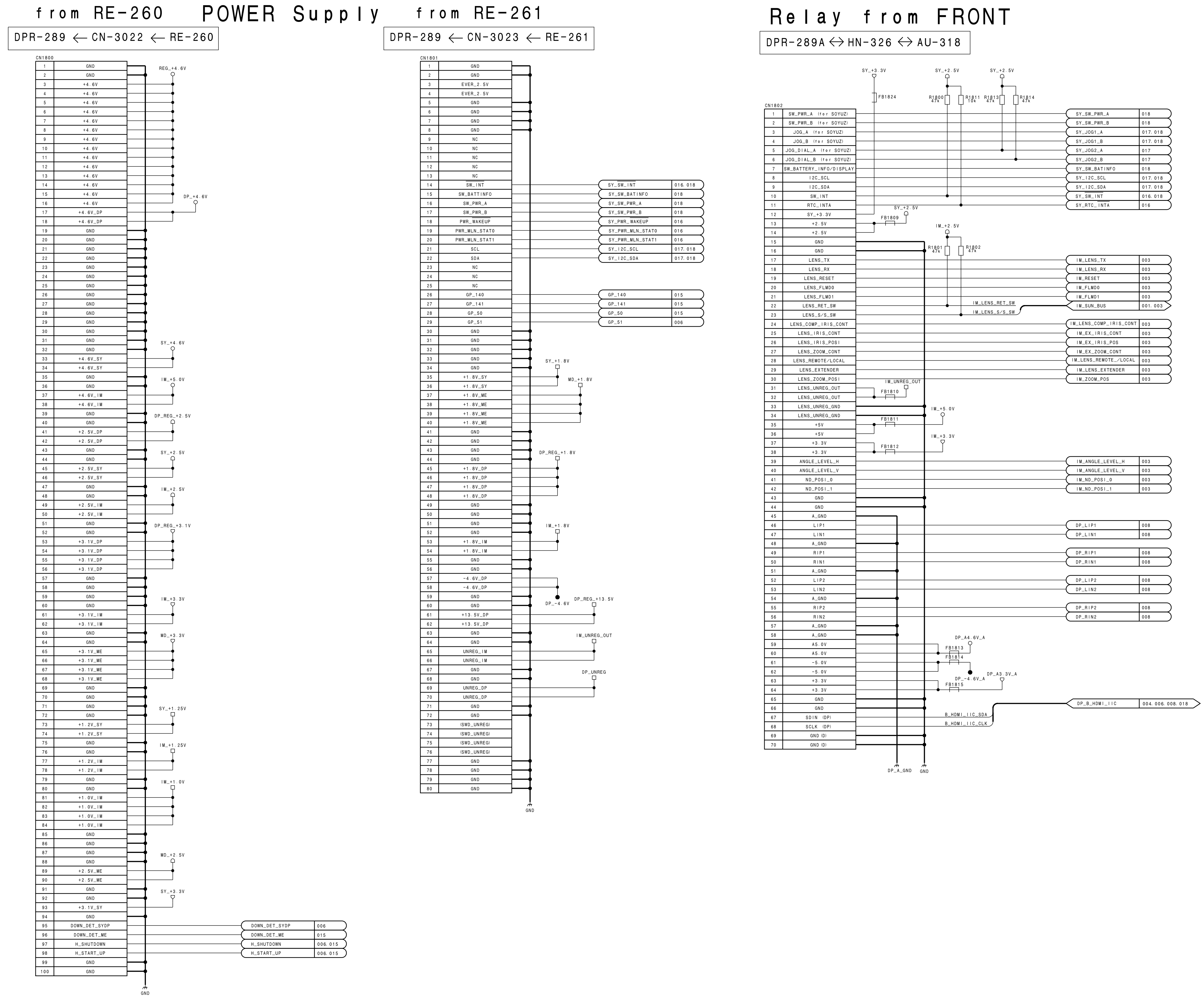

SYSCON
(1/10)
FLASH
4MB
SDRAM
16MB (128Mbit)
IC1600 (1/10)
CXD3175BGG-T6
IC1603
28F320W30TD-SY-V102
IC1604
K4M28163LH-BN75T



DPR-289A (16/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_16

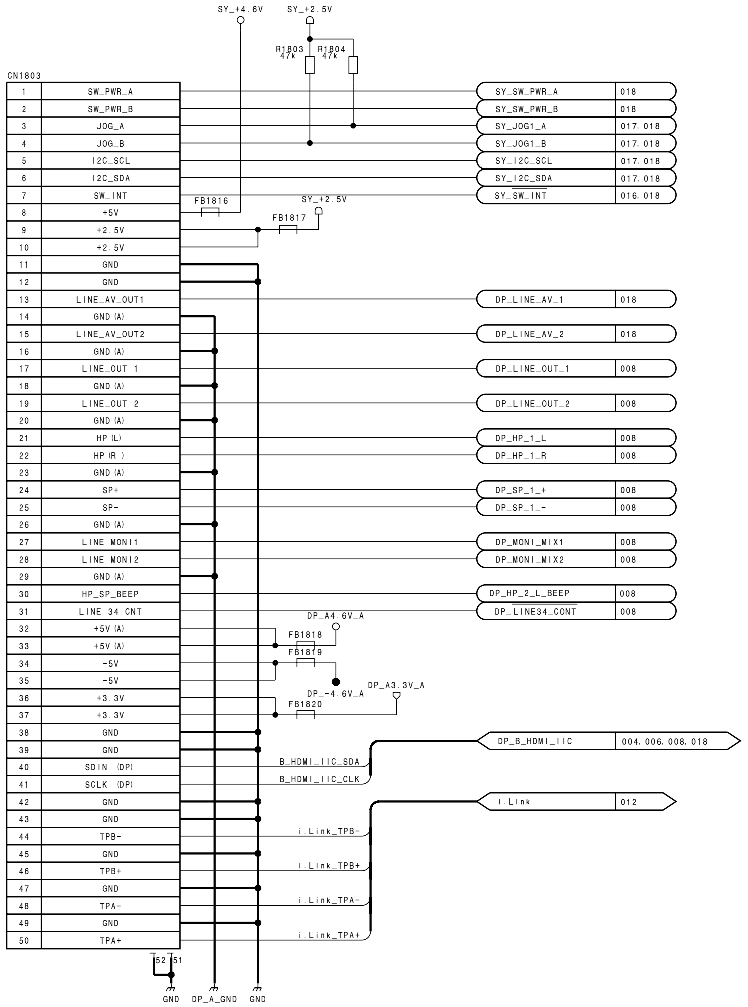


DPR-289A (17/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_17


from RE-260
POWER Supply
from RE-261
DPR-289 ← CN-3022 ← RE-260
DPR-289 ← CN-3023 ← RE-261
CN1800
CN1801
Relay from FRONT
DPR-289A ↔ HN-326 ↔ AU-318
CN1802

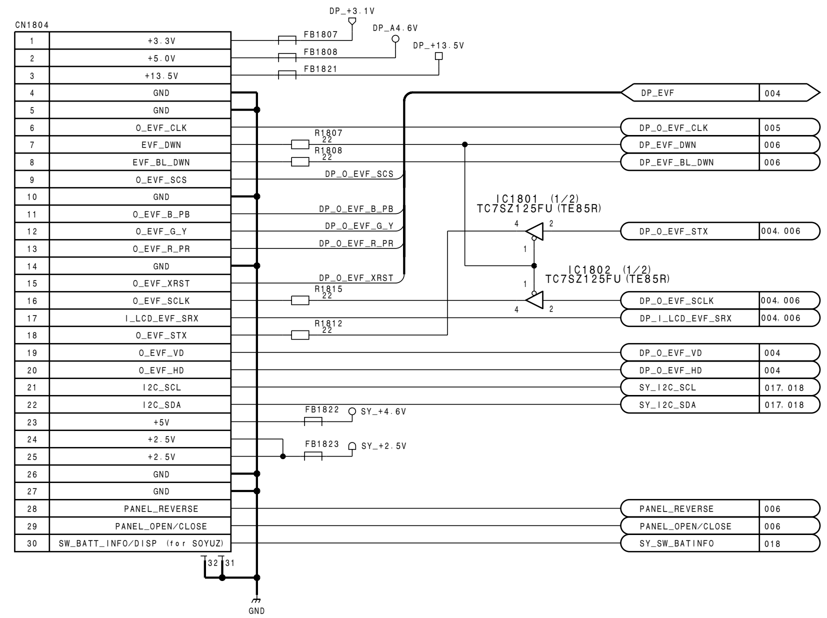
Relay from REAR

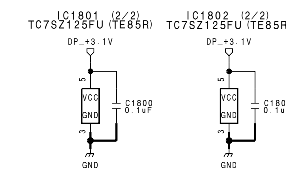
DPR-289 ↔ HN-337 ↔ ASW-66



Handle

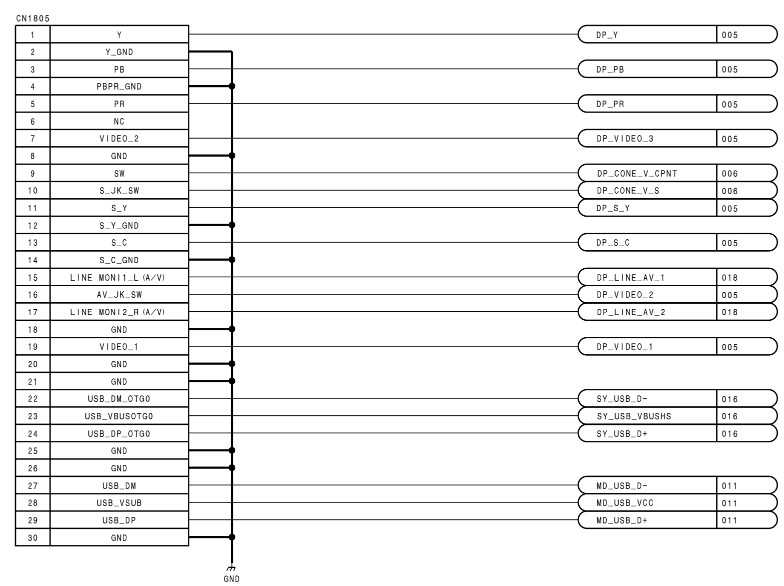
DPR-289 ↔ IF-1069 ↔ SWC-49





OUTPUT

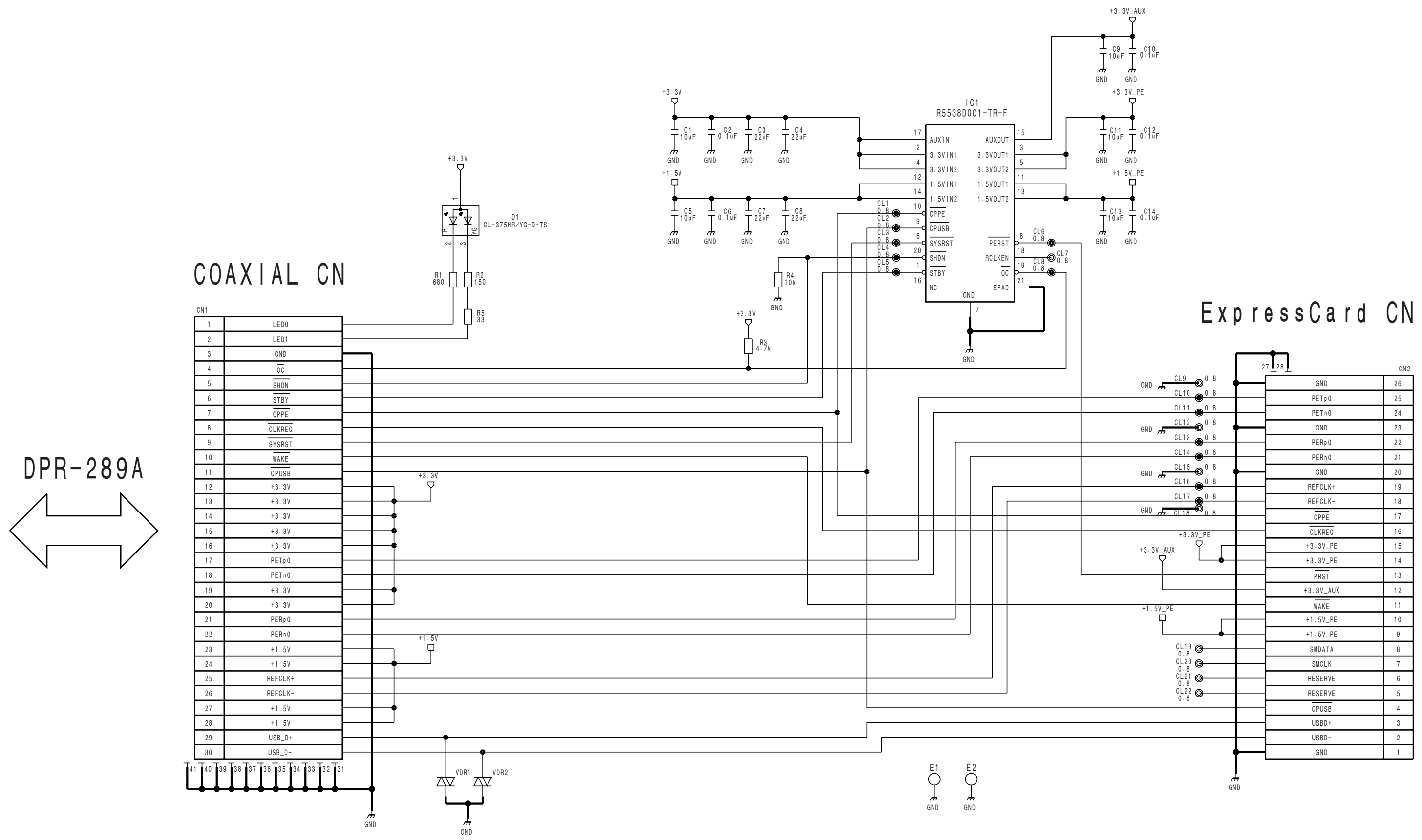
DPR-289 ↔ HN-347 ↔ JK-81



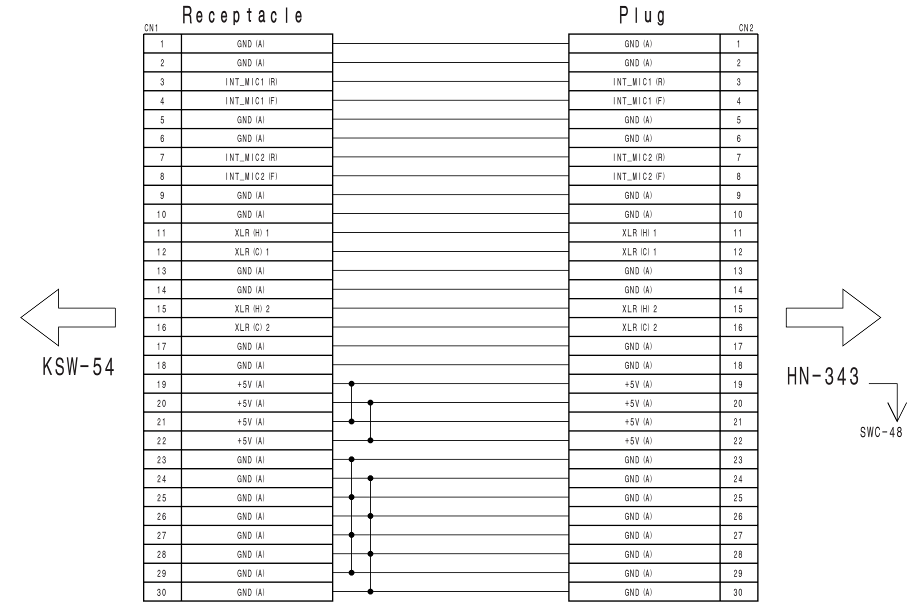
1 2 3 4 5

DPR-289A (18/18)
BOARD NO. 1-875-327-13
PMW-EX3_DPR-289_13P_18

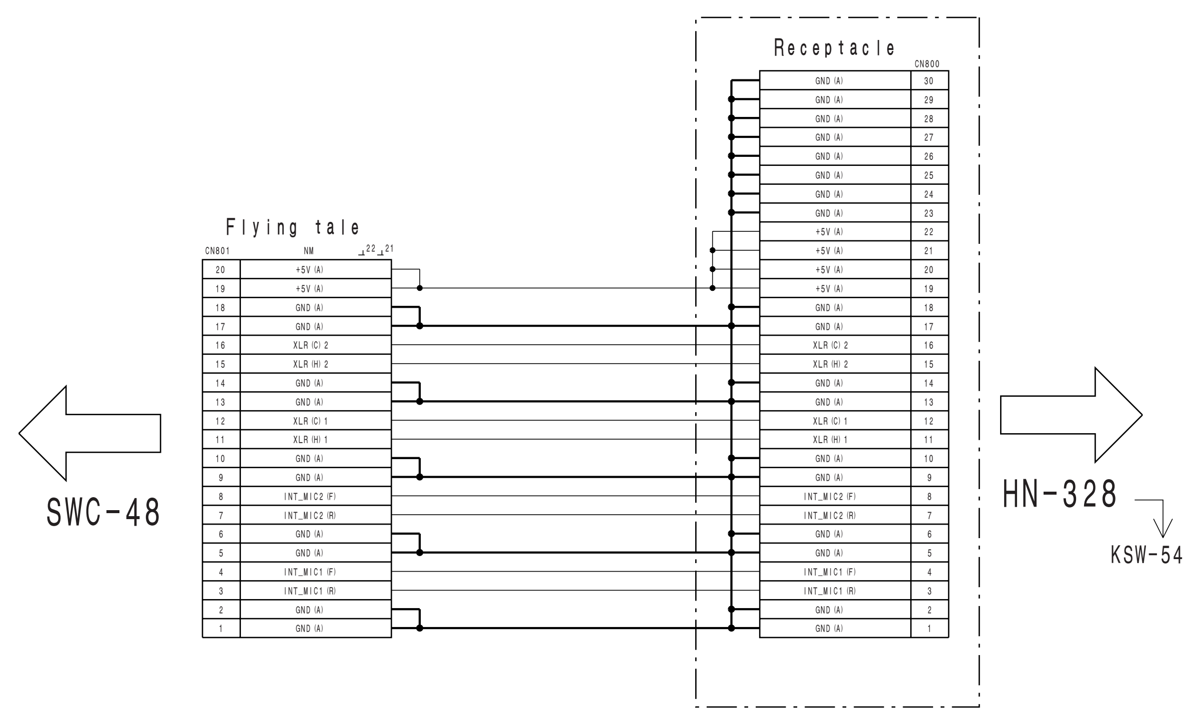
EC-63, HN-328, HN-343
SUFFIX: -11 SUFFIX: -11 SUFFIX: -11



EC-63
BOARD NO. 1-877-262-11
PMW-EX3_EC-63_011_1

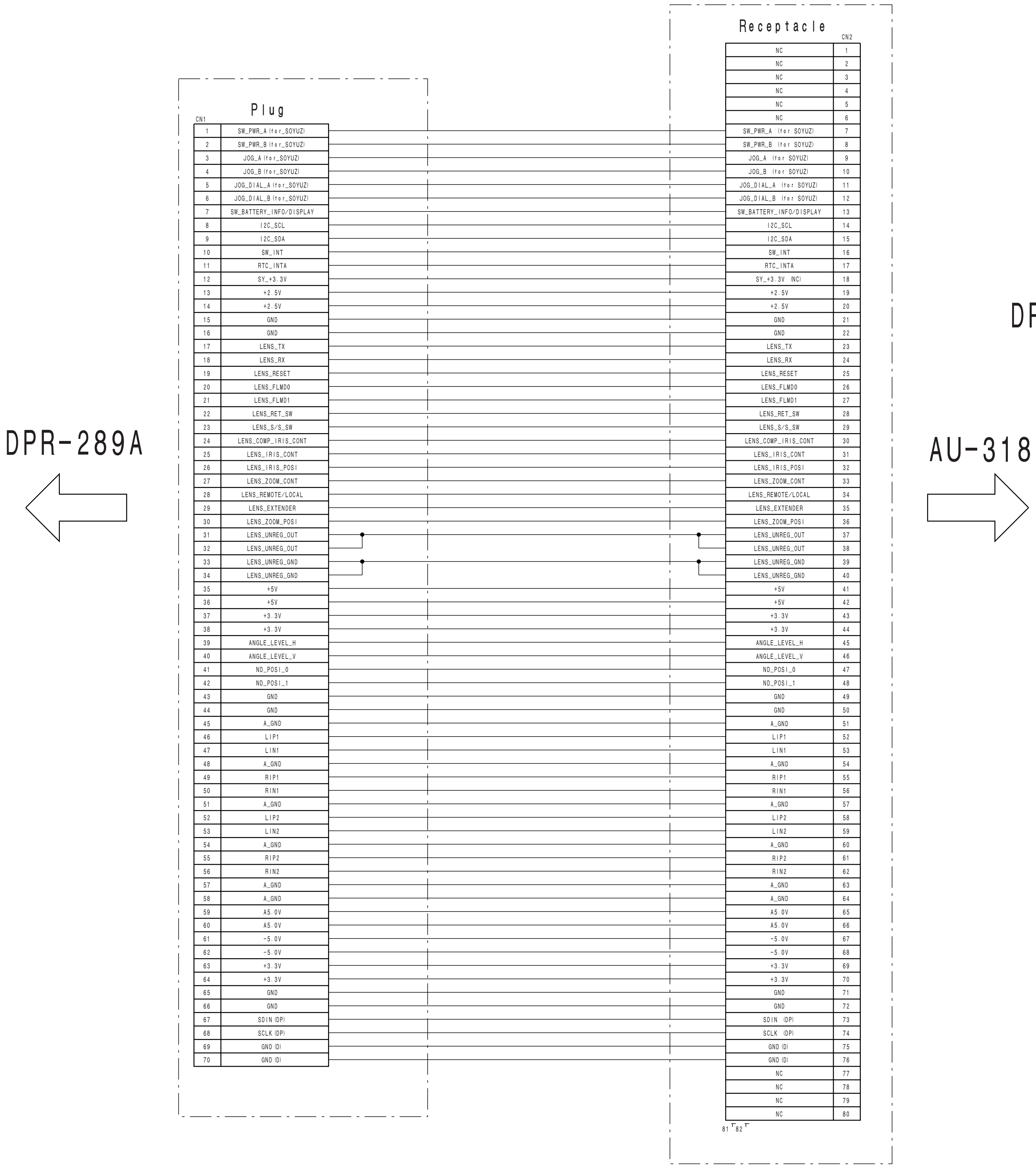


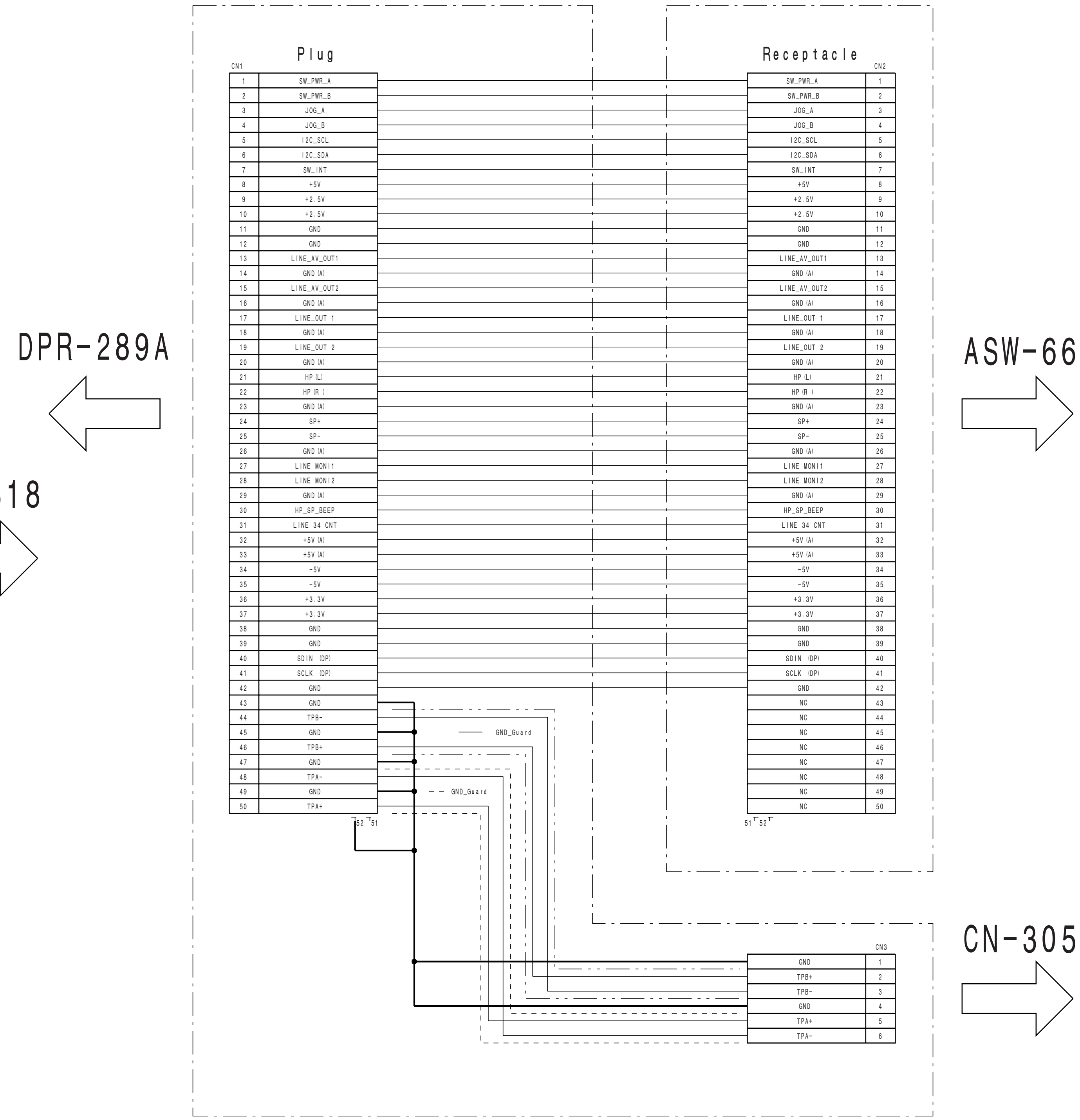
HN-328
BOARD NO. 1-877-238-11
PMW-EX3_HN-328_011_1



HN-343
BOARD NO. 1-877-247-11
PMW-EX3_HN-343_011_1

HN-326, HN-337
SUFFIX: -11 SUFFIX: -11



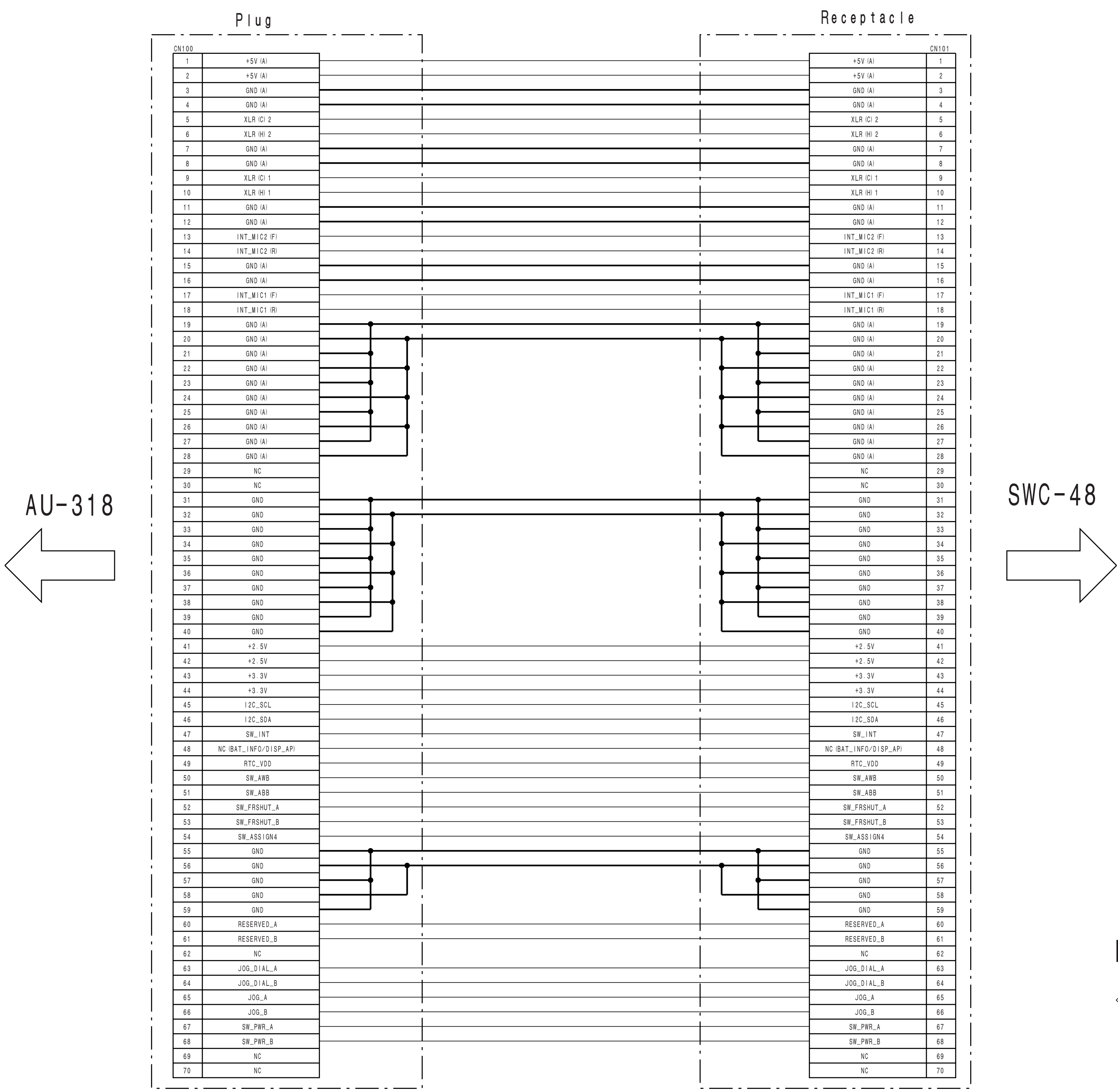


HN-337
BOARD NO. 1-877-239-11
PMW-EX3_HN-337_011_1

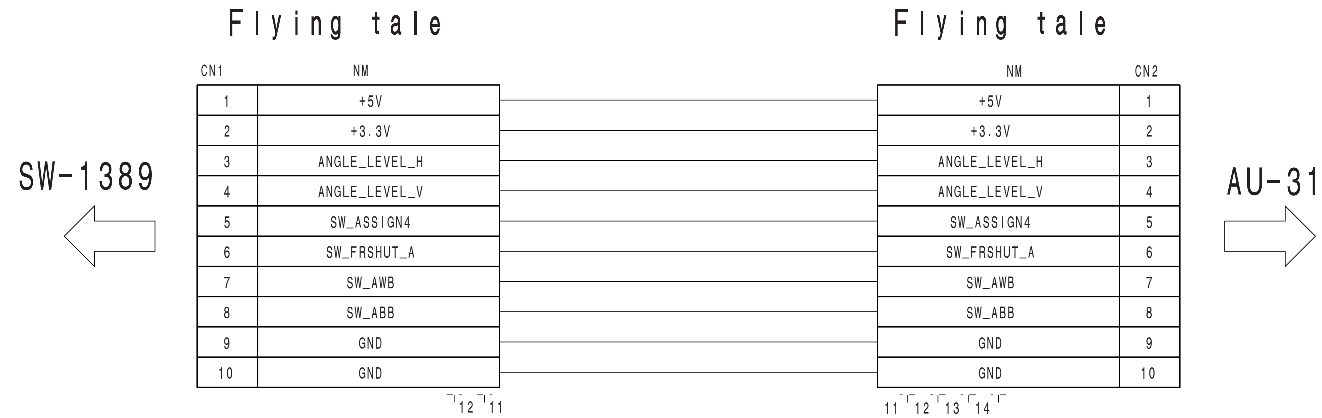
HN-326
BOARD NO. 1-877-235-11
PMW-EX3_HN-326_011_1

HN-344, HN-345, HN-346 SUFFIX: -11 SUFFIX: -11 SUFFIX: -11

1



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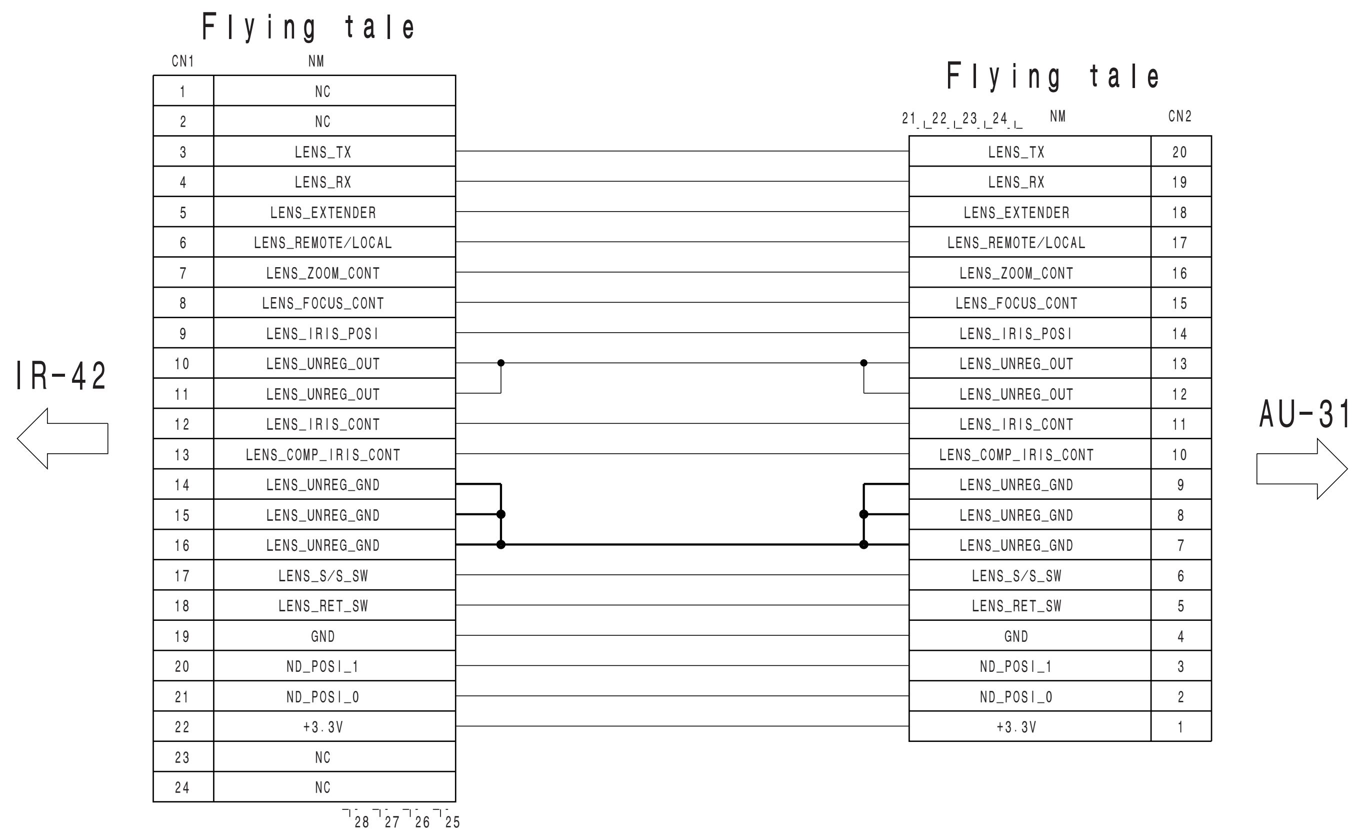
HN-345

BOARD NO. 1-877-241-11

PMW-EX3_HN-345_011_1

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4



HN-344

BOARD NO. 1-877-240-11

PMW-EX3_HN-344_011_1

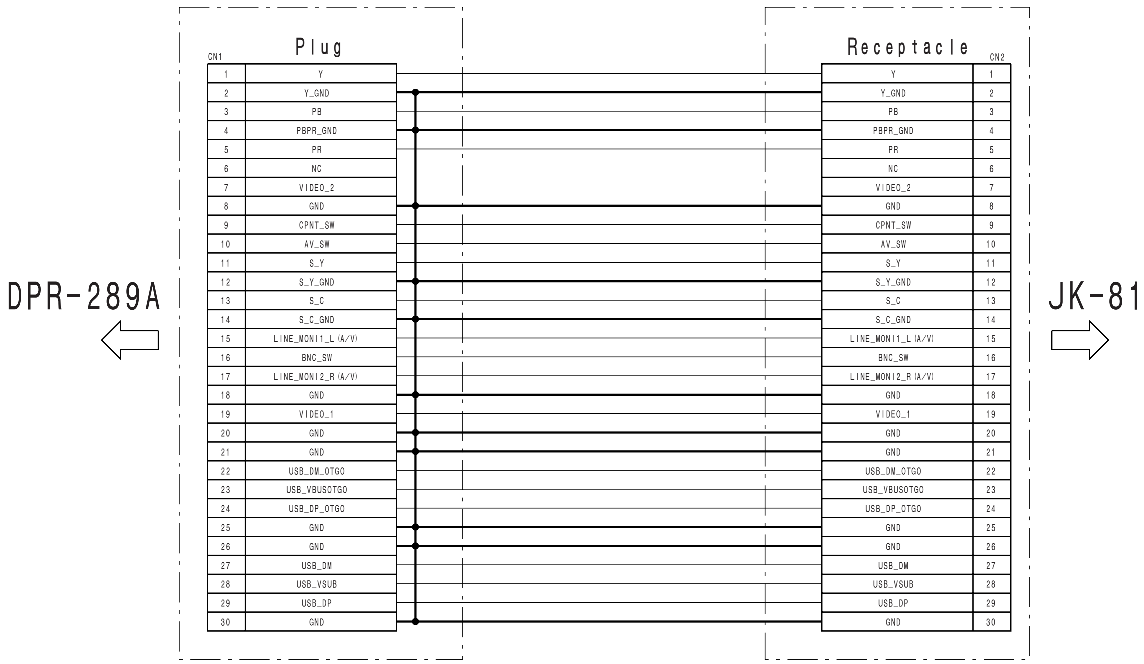
5

HN-346

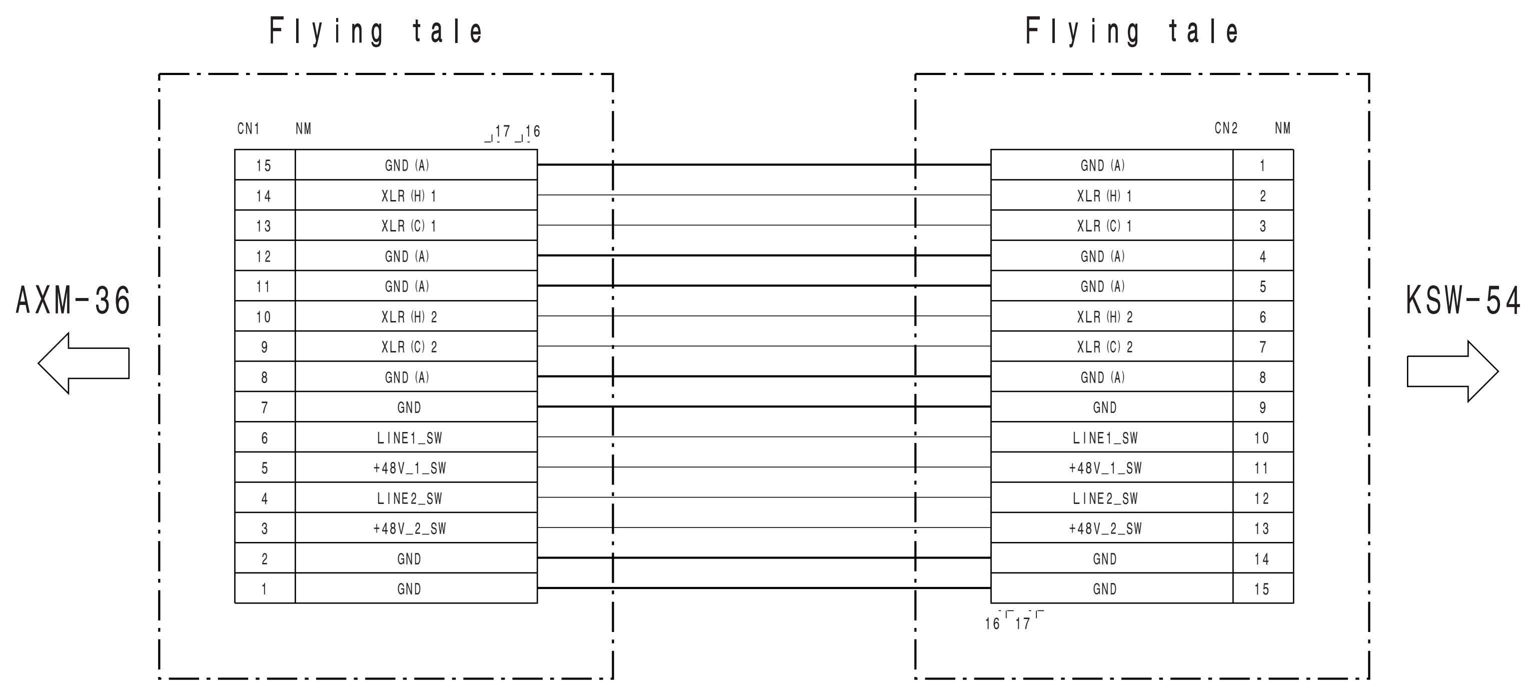
BOARD NO. 1-877-242-11

PMW-EX3_HN-346_011_1

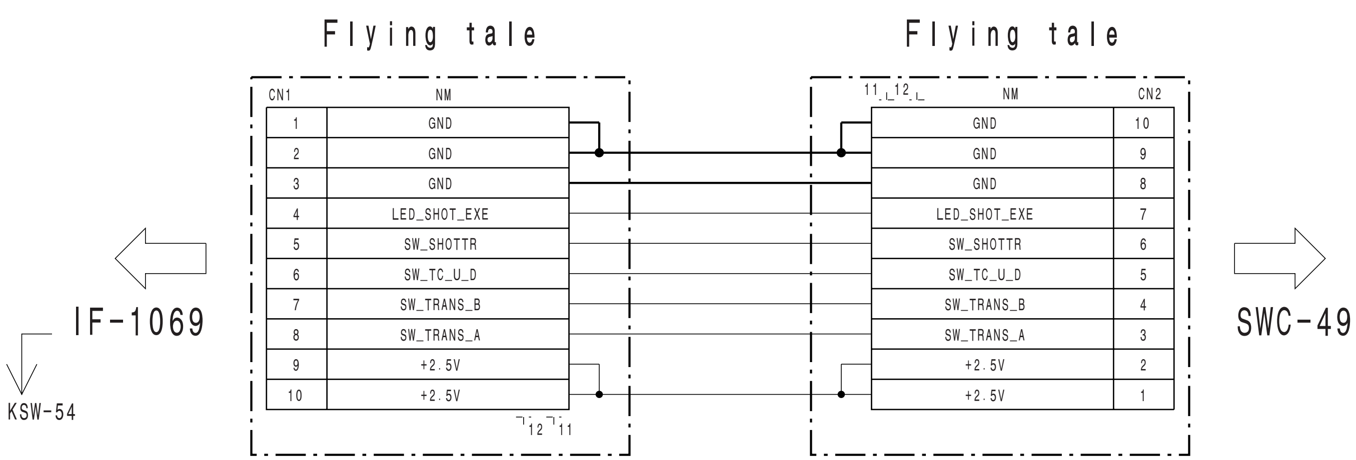
A B C D E F G H



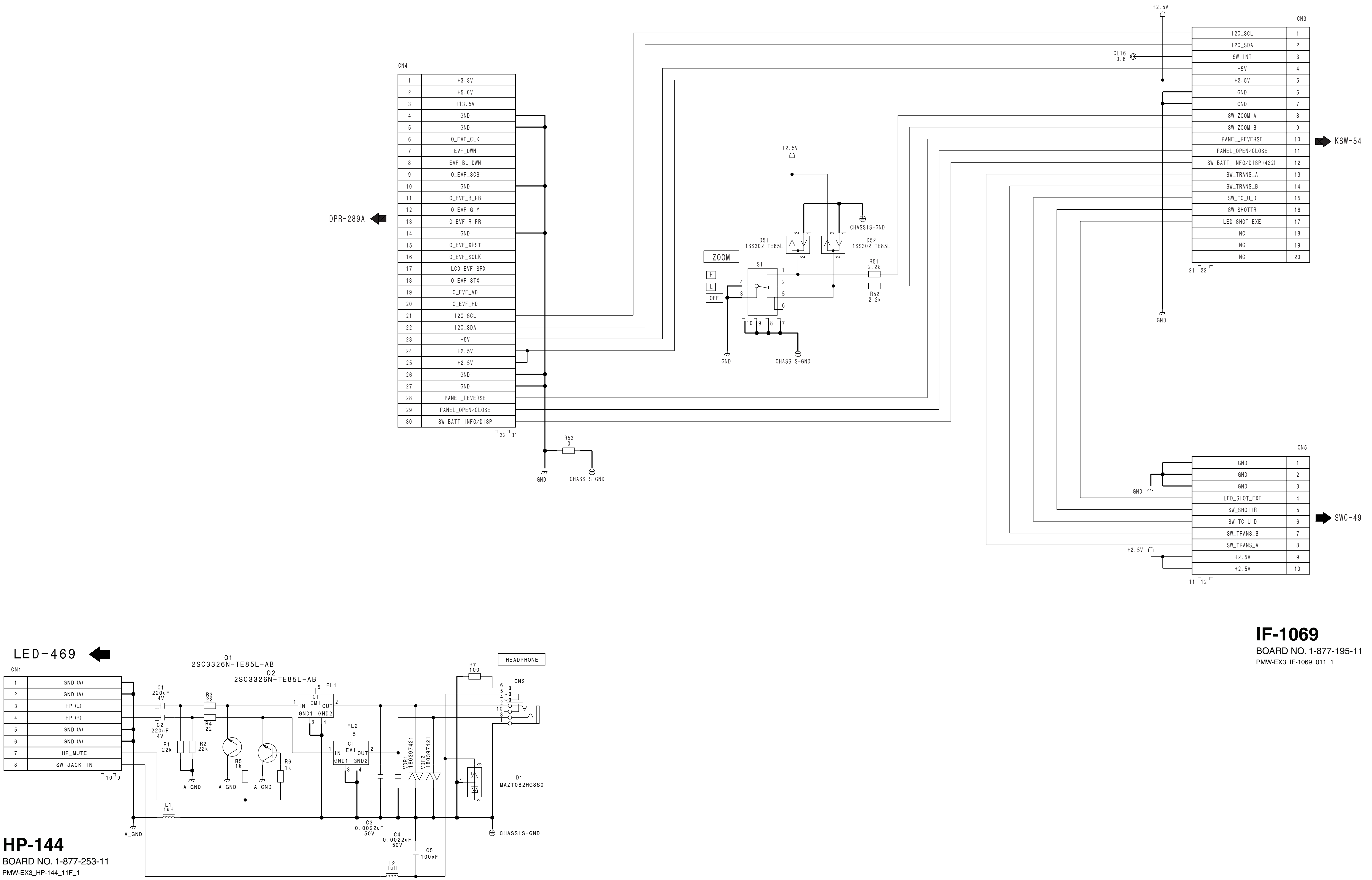
HN-347
BOARD NO. 1-877-243-11
PMW-EX3_HN-347_011_1



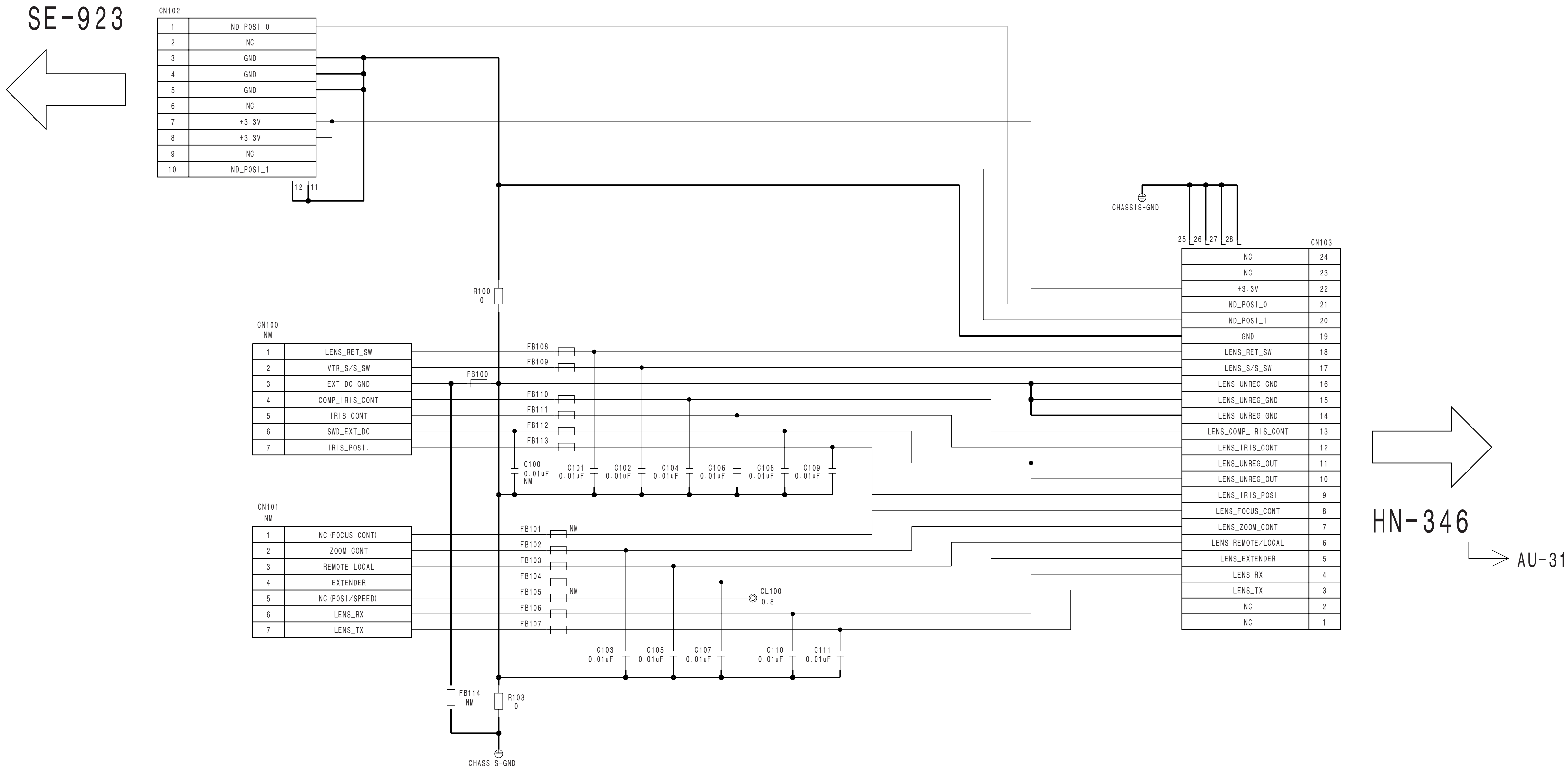
HN-349
BOARD NO. 1-877-244-11
PMW-EX3_HN-349_011_1



HN-348
BOARD NO. 1-877-248-11
PMW-EX3_HN-348_011_1

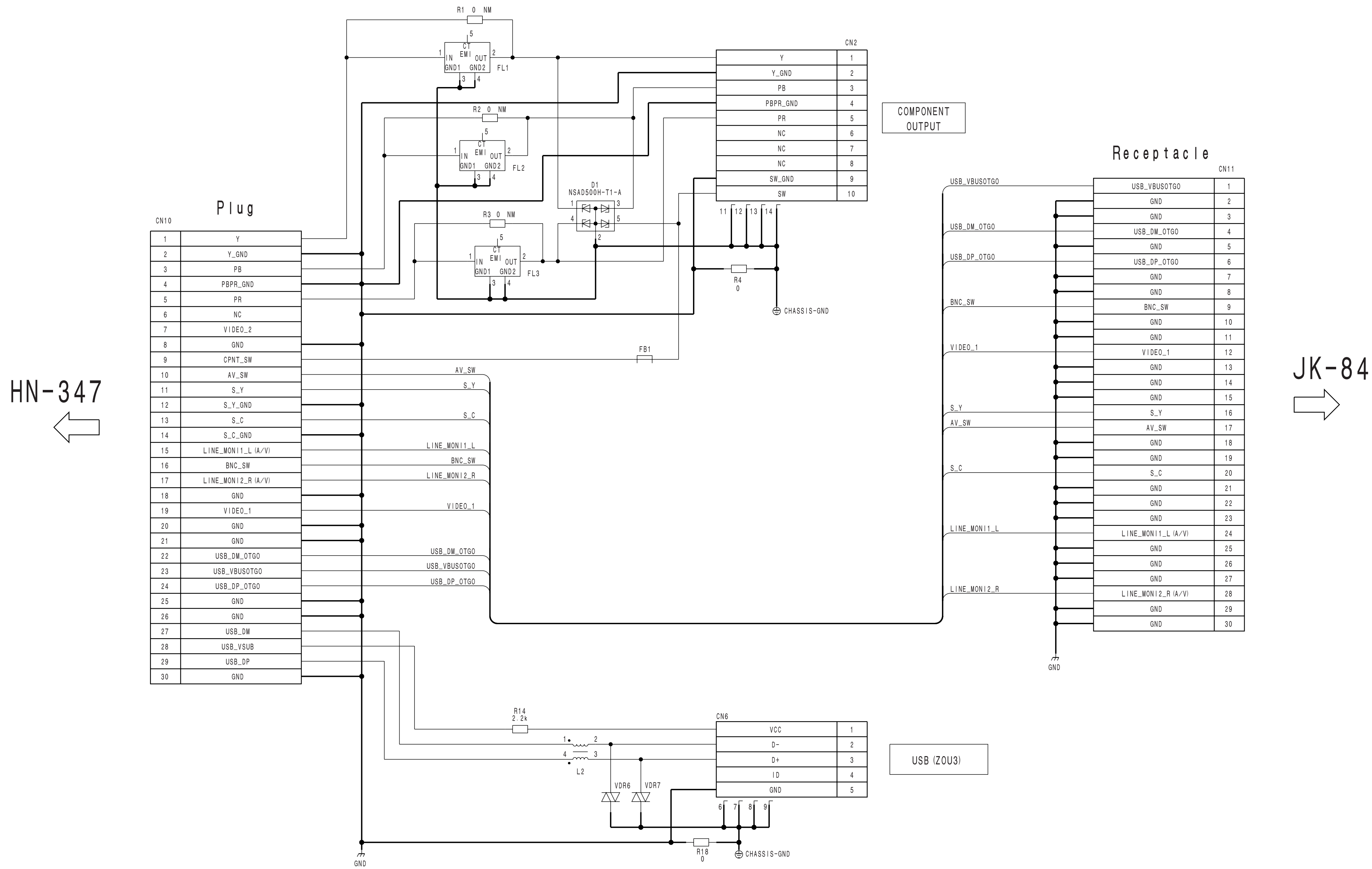

CN4
1 +3.3V
2 +5.0V
3 +13.5V
4 GND
5 GND
6 O_EVF_CLK
7 EVF_DWN
8 EVF_BL_DWN
9 O_EVF_SCS
10 GND
11 O_EVF_B_PB
12 O_EVF_G_Y
13 O_EVF_R_PR
14 GND
15 O_EVF_XRST
16 O_EVF_SCLK
17 I_LCD_EVF_SRX
18 O_EVF_STX
19 O_EVF_VD
20 O_EVF_HD
21 I2C_SCL
22 I2C_SDA
23 +5V
24 +2.5V
25 +2.5V
26 GND
27 GND
28 PANEL_REVERSE
29 PANEL_OPEN/CLOSE
30 SW_BATT_INFO/DISP
32 31
DPR-289A
R53 0
GND
CHASSIS-GND
+2.5V
D51 1SS302-TE85L
D52 1SS302-TE85L
CHASSIS-GND
ZOOM
H
L
OFF
S1
R51 2.2k
R52 2.2k
GND
CHASSIS-GND
+2.5V
CN3
1 I2C_SCL
2 I2C_SDA
3 SW_INT
4 +5V
5 +2.5V
6 GND
7 GND
8 SW_ZOOM_A
9 SW_ZOOM_B
10 PANEL_REVERSE
11 PANEL_OPEN/CLOSE
12 SW_BATT_INFO/DISP (432)
13 SW_TRANS_A
14 SW_TRANS_B
15 SW_TC_U_D
16 SW_SHOTTR
17 LED_SHOT_EXE
18 NC
19 NC
20 NC
21 22
CL16 0.8
KSW-54
GND
CN5
1 GND
2 GND
3 GND
4 LED_SHOT_EXE
5 SW_SHOTTR
6 SW_TC_U_D
7 SW_TRANS_B
8 SW_TRANS_A
9 +2.5V
10 +2.5V
11 12
SWC-49
+2.5V
GND
IF-1069
BOARD NO. 1-877-195-11
PMW-EX3_IF-1069_011_1
LED-469
CN1
1 GND (A)
2 GND (A)
3 HP (L)
4 HP (R)
5 GND (A)
6 GND (A)
7 HP_MUTE
8 SW_JACK_IN
10 9
Q1 2SC3326N-TE85L-AB
Q2 2SC3326N-TE85L-AB
C1 220uF 4V
C2 220uF 4V
R3 22
R4 22
R1 22k
R2 22k
R5 1k
R6 1k
A_GND
FL1
FL2
VDR1 180397421
VDR2 180397421
R7 100
HEADPHONE
CN2
D1 MAZT082HG8S0
L1 1uH
C3 0.0022uF 50V
C4 0.0022uF 50V
C5 100pF
L2 1uH
CHASSIS-GND
HP-144
BOARD NO. 1-877-253-11
PMW-EX3_HP-144_11F_1

IR-42 SUFFIX: -11

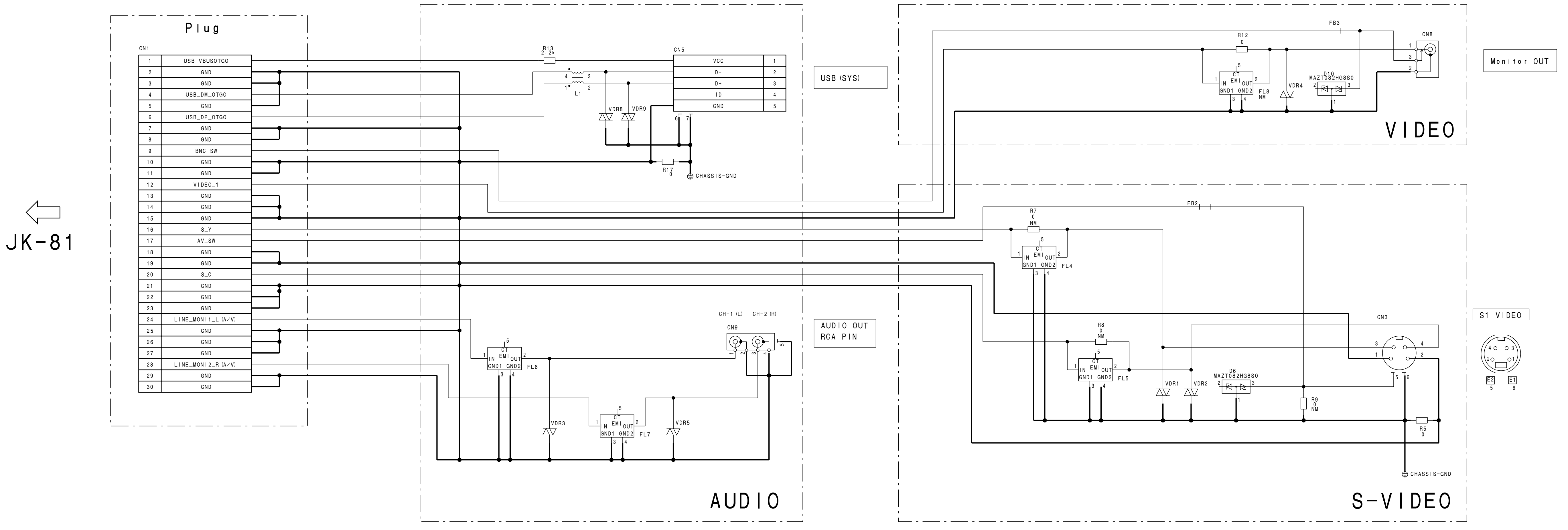


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IR-42
BOARD NO. 1-877-256-11
PMW-EX3_IR-42_011_1



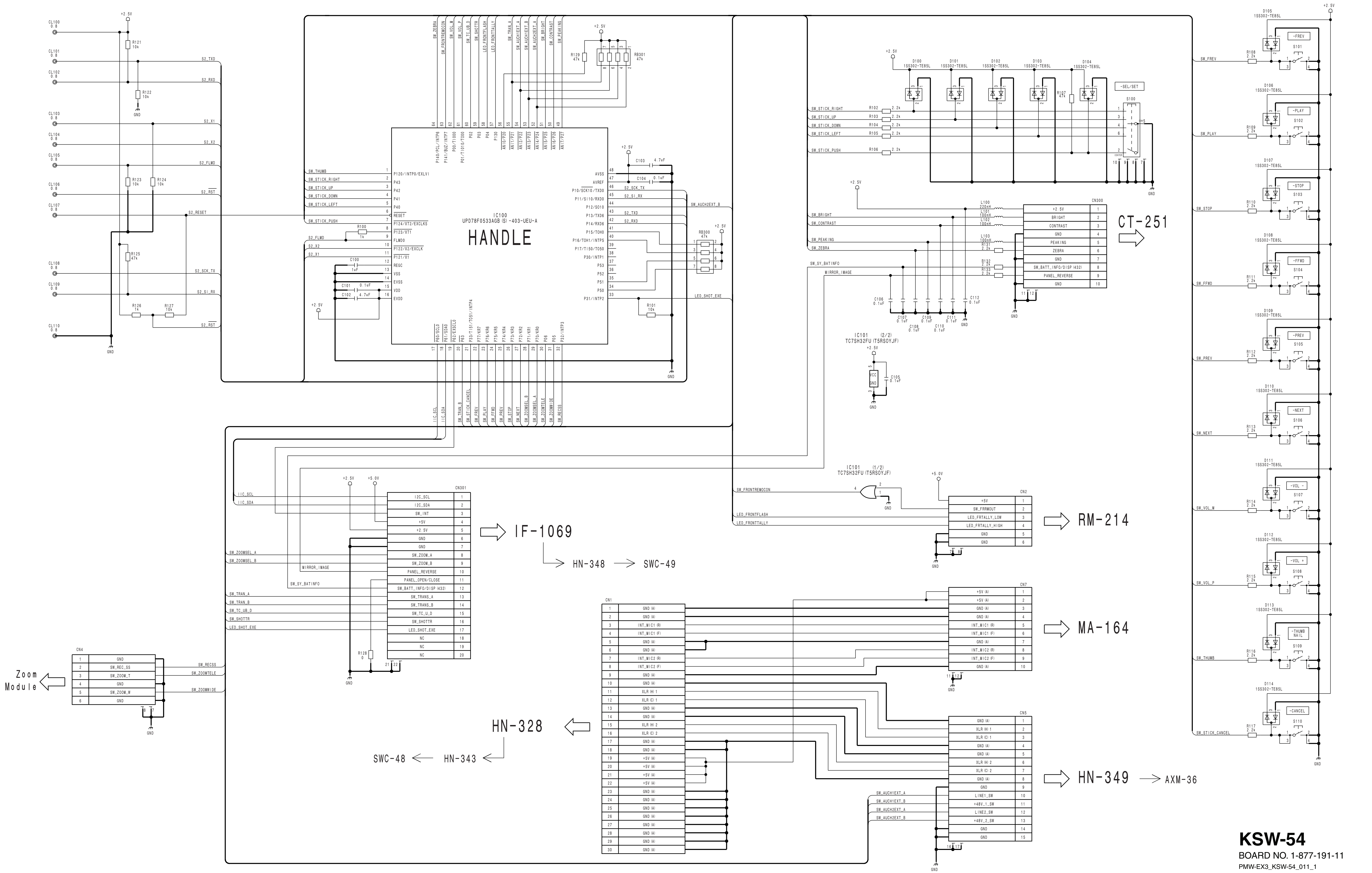
JK-81
BOARD NO. 1-877-257-11
PMW-EX3_JK-81_011_1



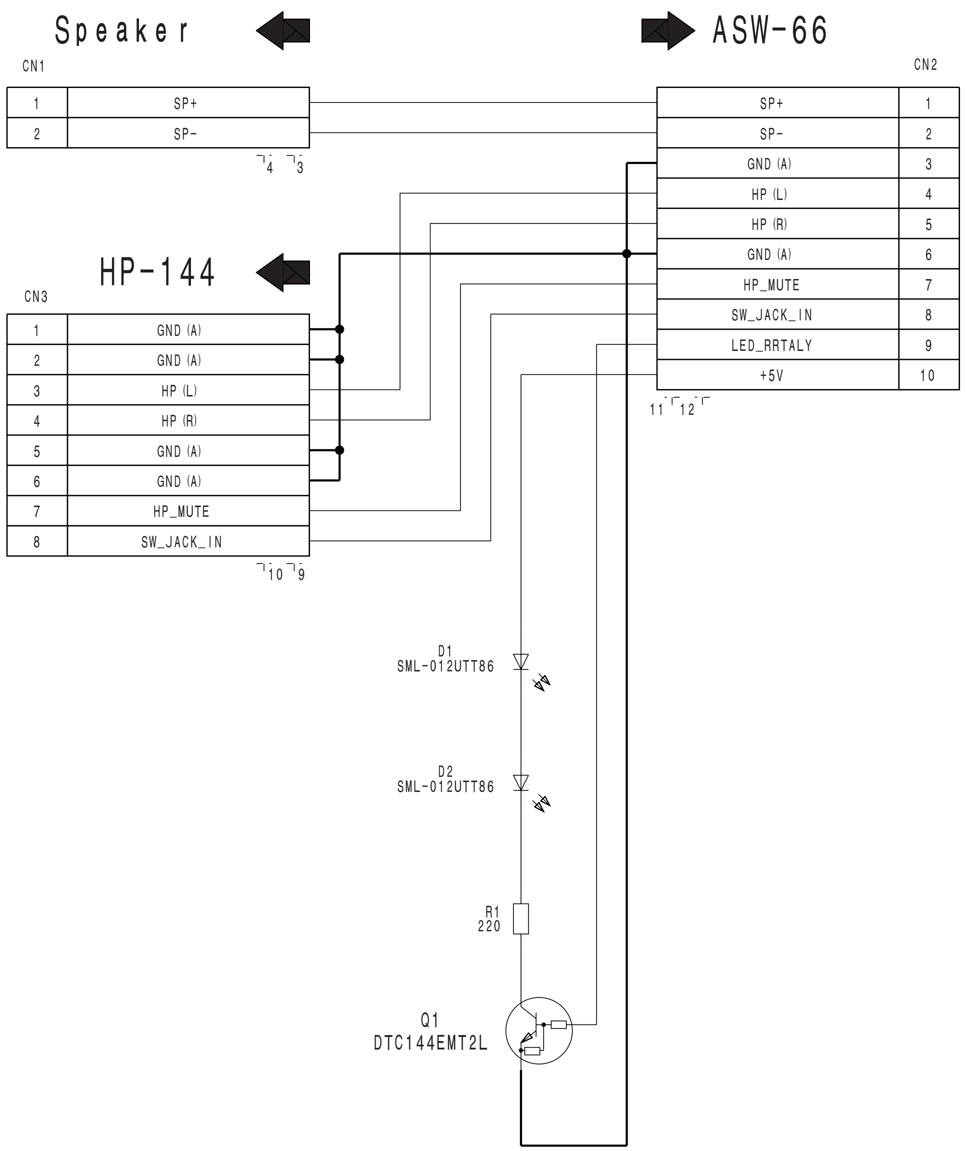
JK-84

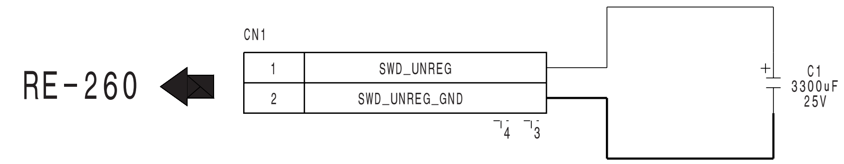
BOARD NO. 1-877-249-11

PMW-EX3_JK-84_11F_1


HANDLE
IC100
UPD78F0533AGB(S)-403-UEU-A
IC101 (2/2)
TC7SH32FU (T5RSOYJF)
IC101 (1/2)
TC7SH32FU (T5RSOYJF)
CN301
IF-1069
HN-348 → SWC-49
CN300
CT-251
CN2
RM-214
CN7
MA-164
CN1
CN5
HN-349 → AXM-36
HN-328
SWC-48 ← HN-343
CN4
Zoom Module
KSW-54
BOARD NO. 1-877-191-11
PMW-EX3_KSW-54_011_1

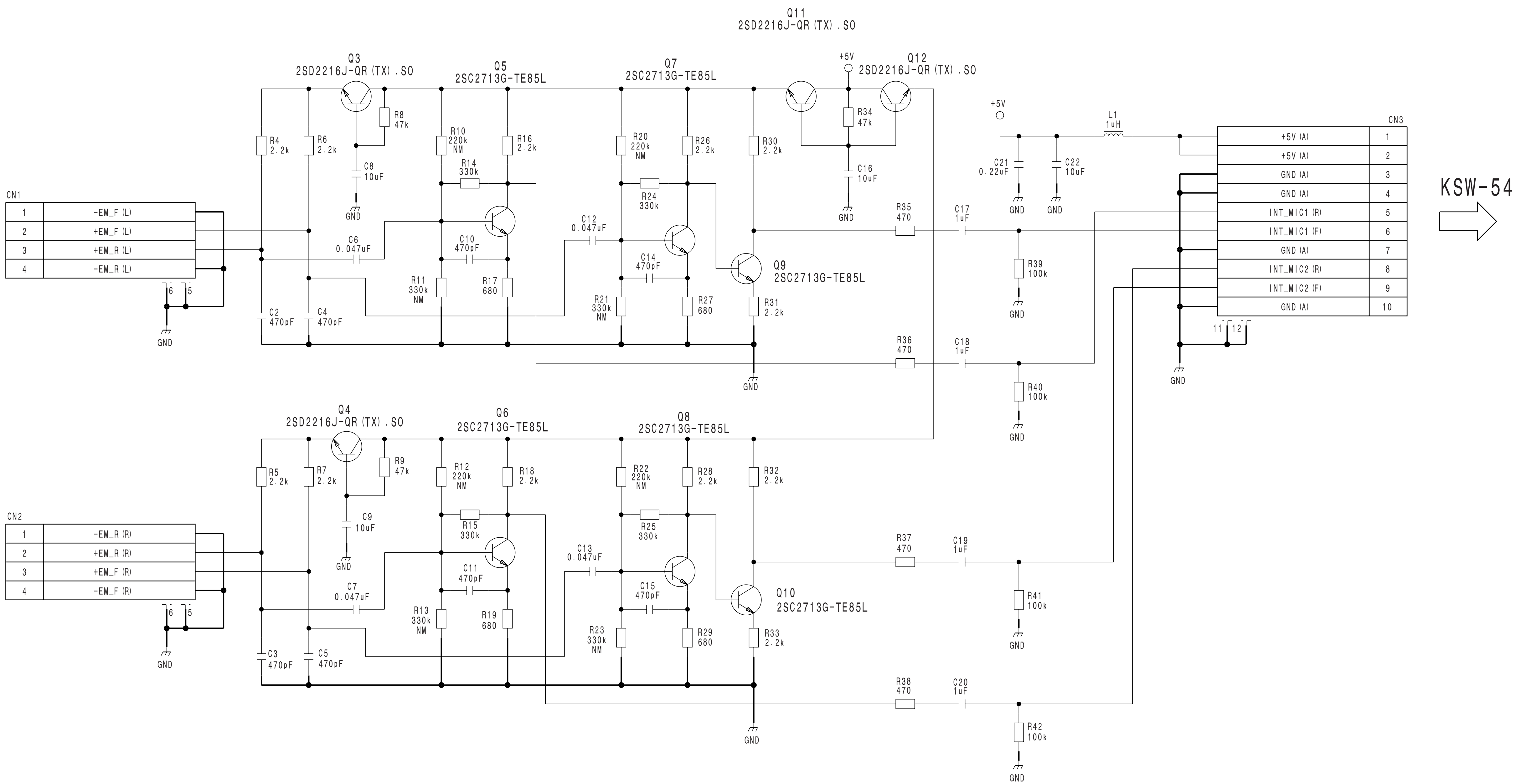
LED-469, PS-747
SUFFIX: -11 SUFFIX: -11





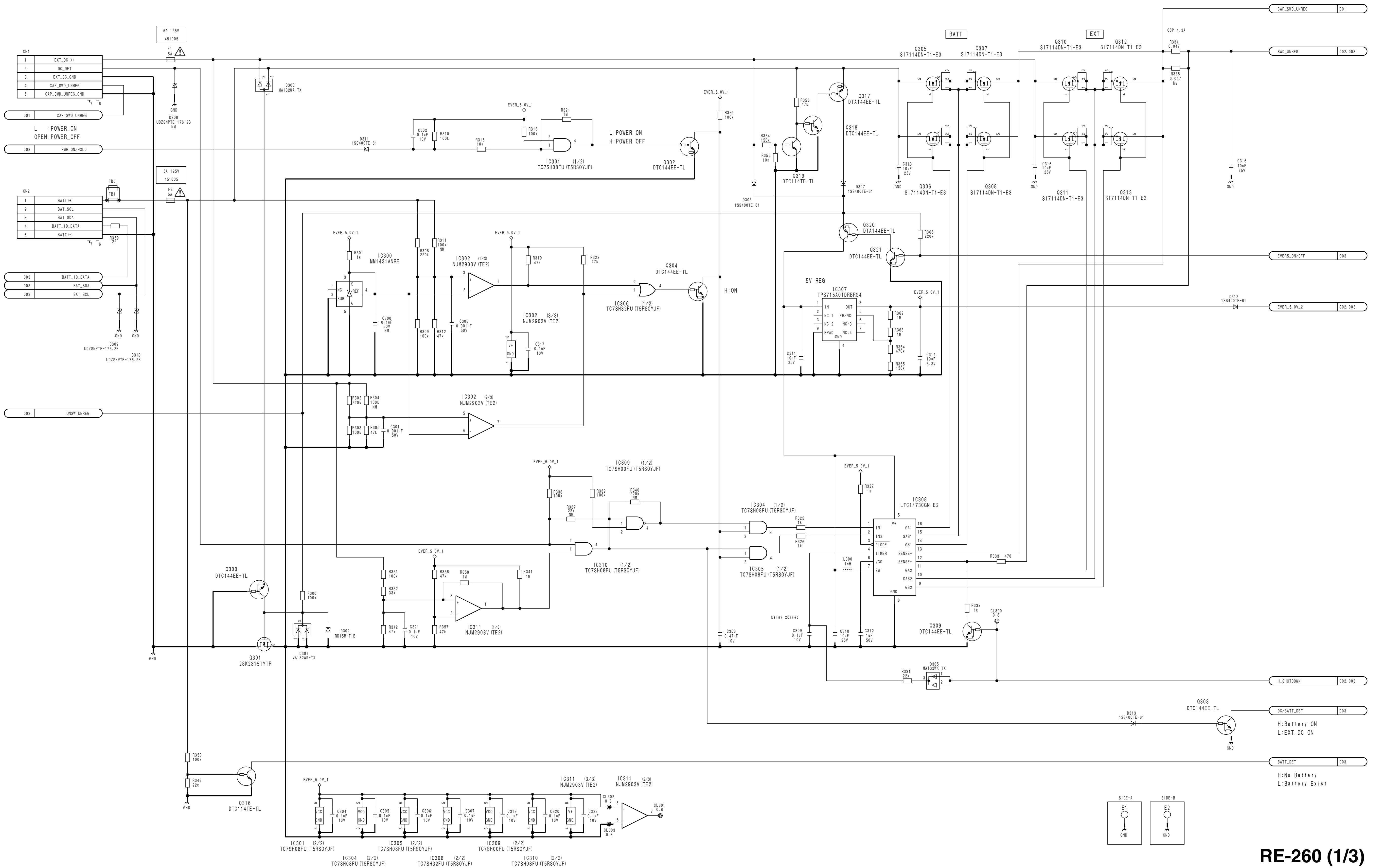
PS-747
BOARD NO. 1-877-261-11
PMW-EX3_PS-747_011_1

LED-469
BOARD NO. 1-877-193-11
PMW-EX3_LED-469_011_1



MA-164
BOARD NO. 1-877-189-11
PMW-EX3_MA-164_011_1

PMW-EX3

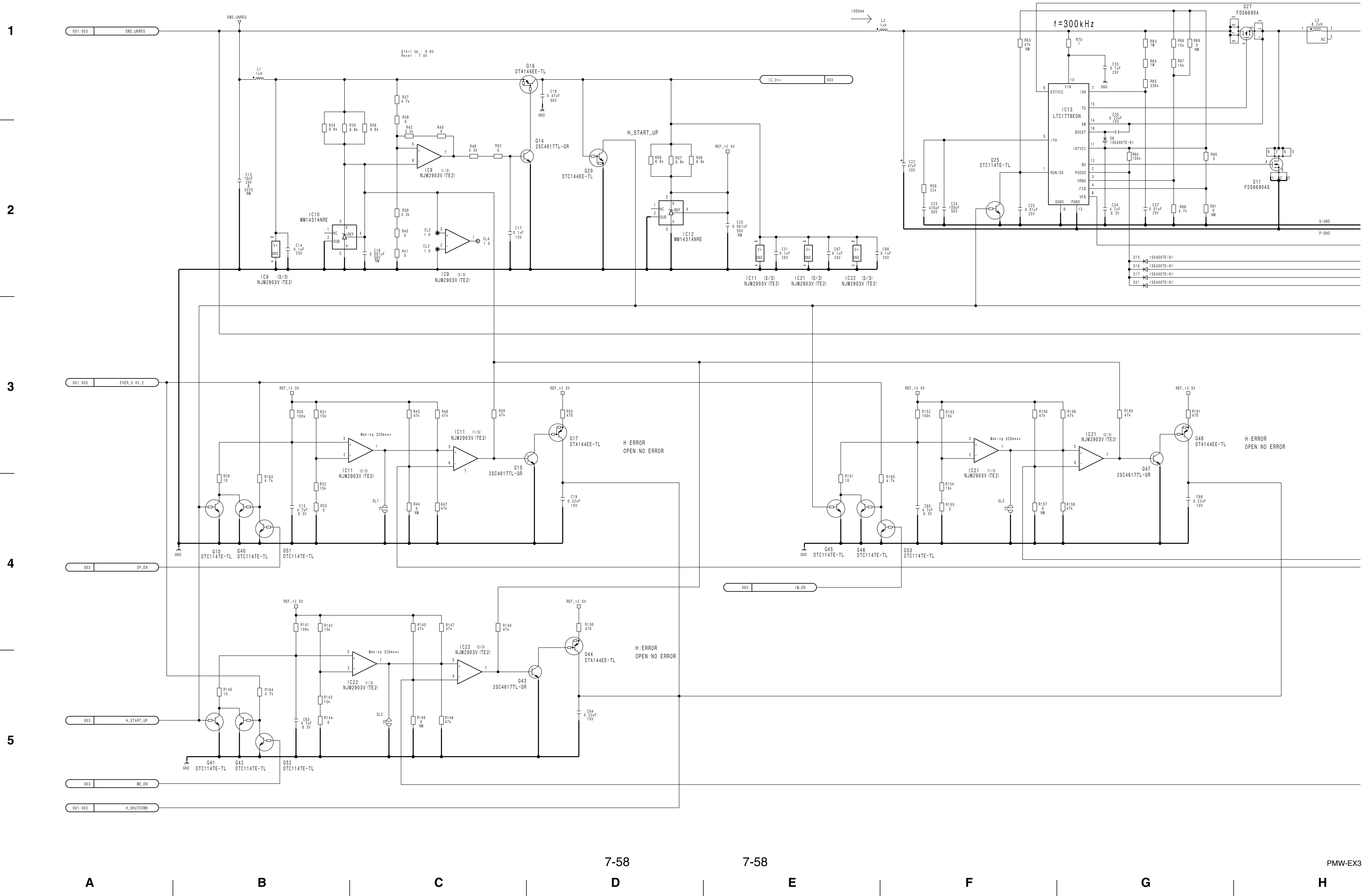


RE-260 (1/3)

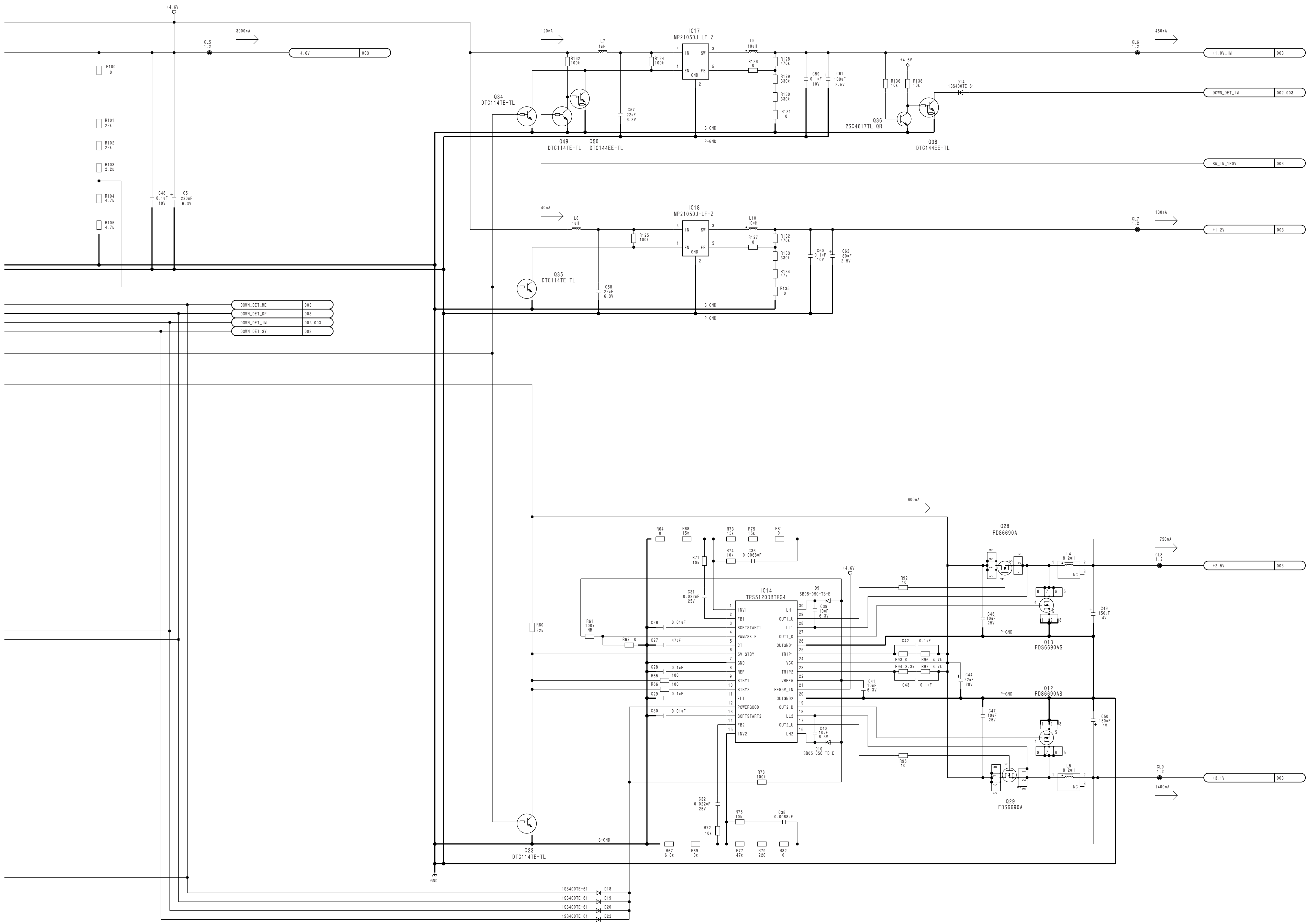
BOARD NO. 1-877-318-11

PMW-EX3_RE-260_011_1

RE-260 (2/3)
SUFFIX: -11



RE-260 (2/3)
SUFFIX: -11



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RE-260 (2/3)

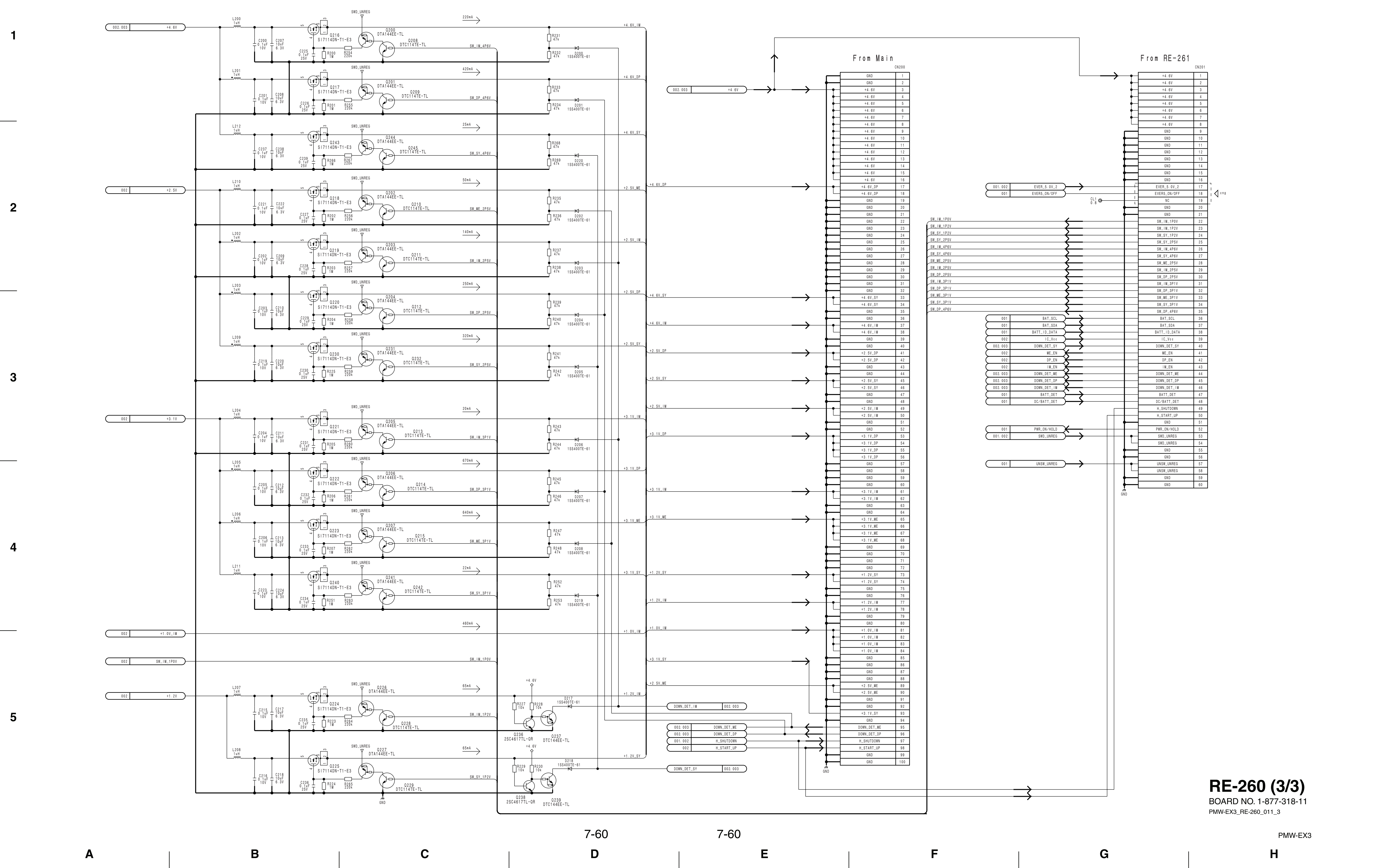
BOARD NO. 1-877-318-11

PMW-EX3_RE-260_011_2

7-59

I | J | K | L | M | N | O | P

RE-260 (3/3)
SUFFIX: -11

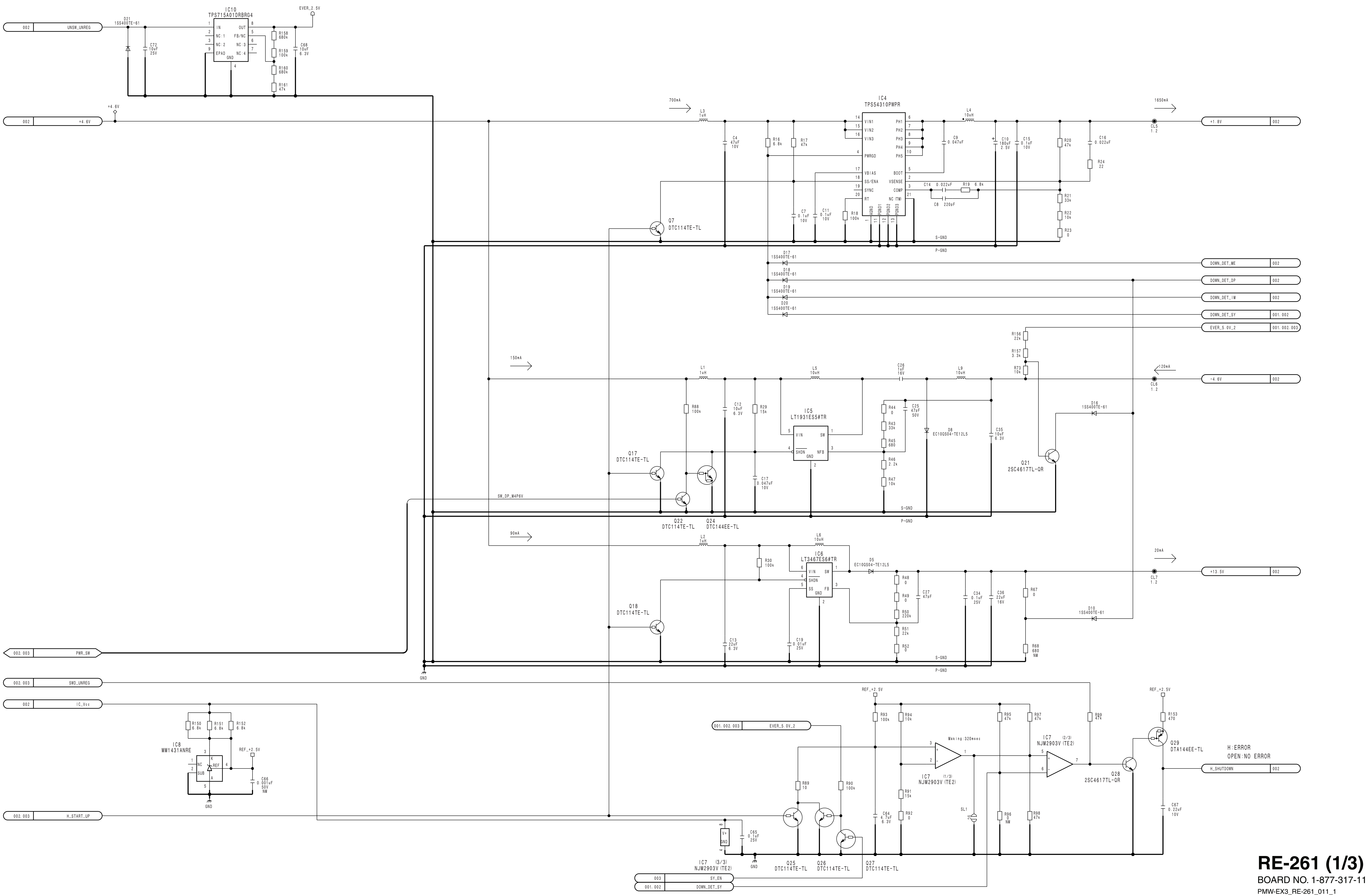


RE-260 (3/3)

BOARD NO. 1-877-318-11

PMW-EX3_RE-260_011_3

RE-261 (1/3)
SUFFIX: -11

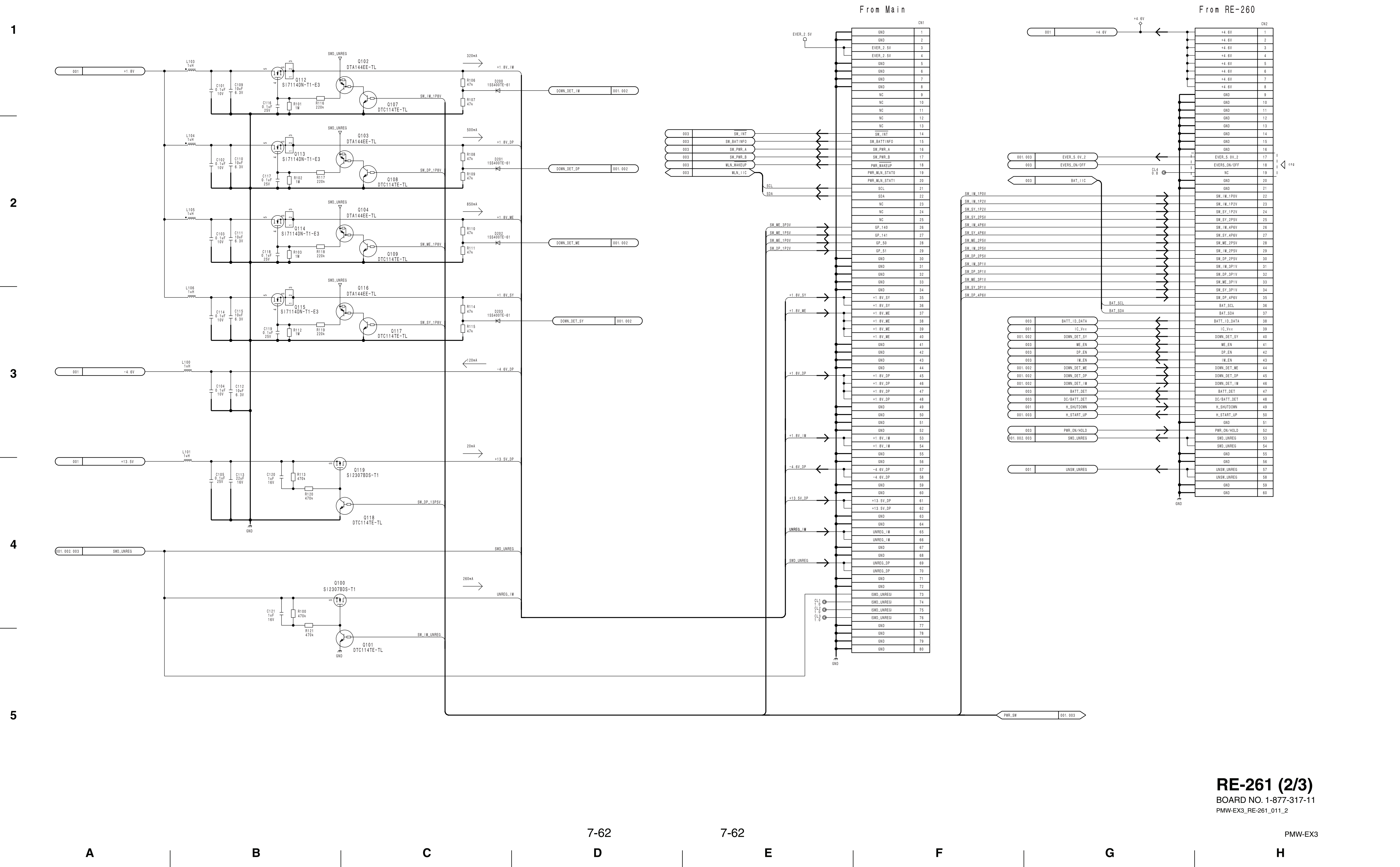


RE-261 (1/3)
BOARD NO. 1-877-317-11
PMW-EX3_RE-261_011_1

A B C D E F G H

7-61

RE-261 (2/3)
SUFFIX: -11

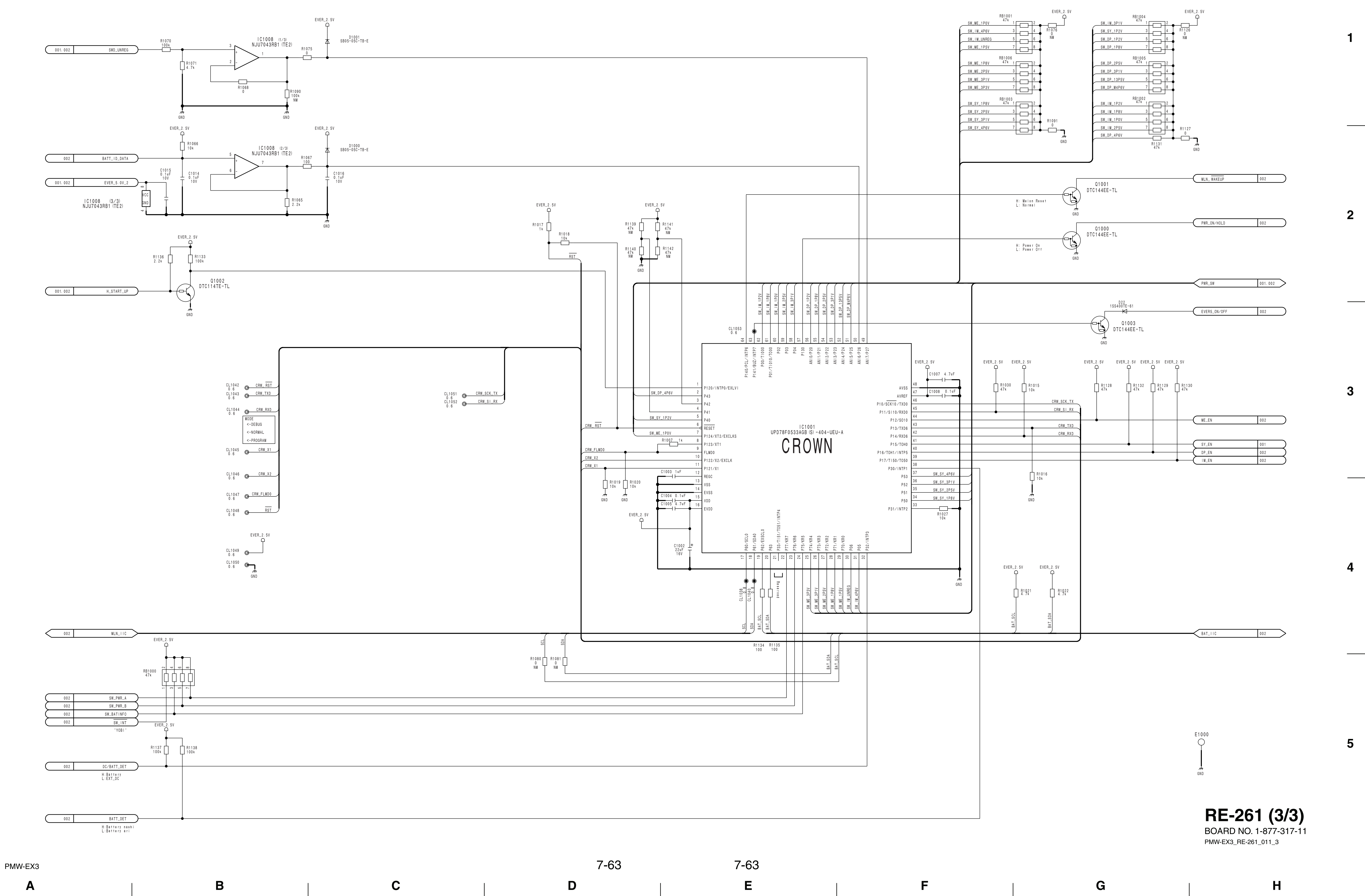


RE-261 (2/3)

BOARD NO. 1-877-317-11

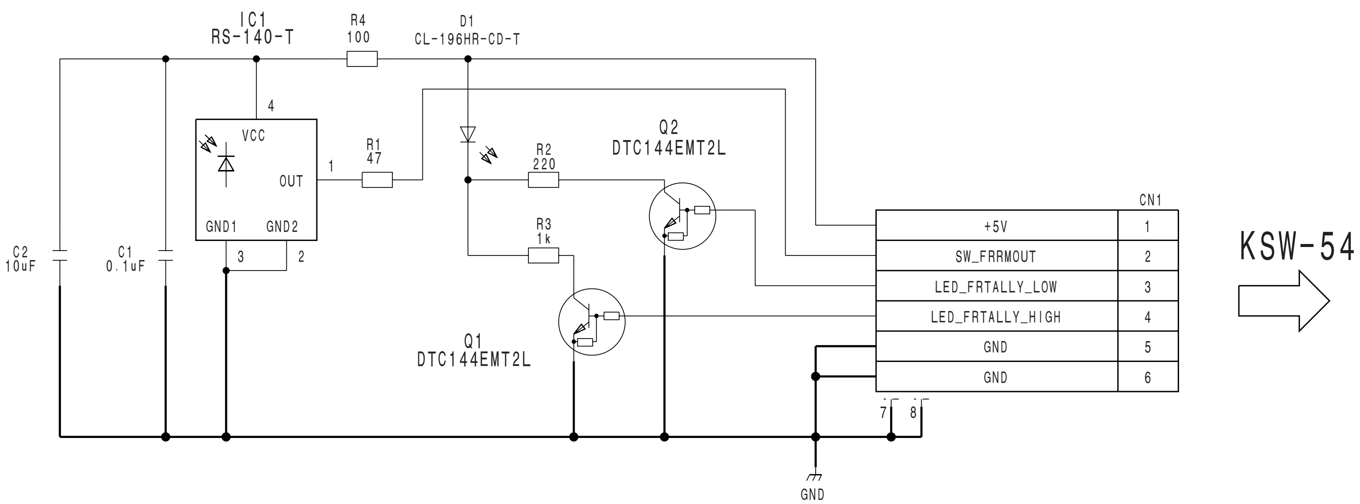
PMW-EX3_RE-261_011_2

7-62

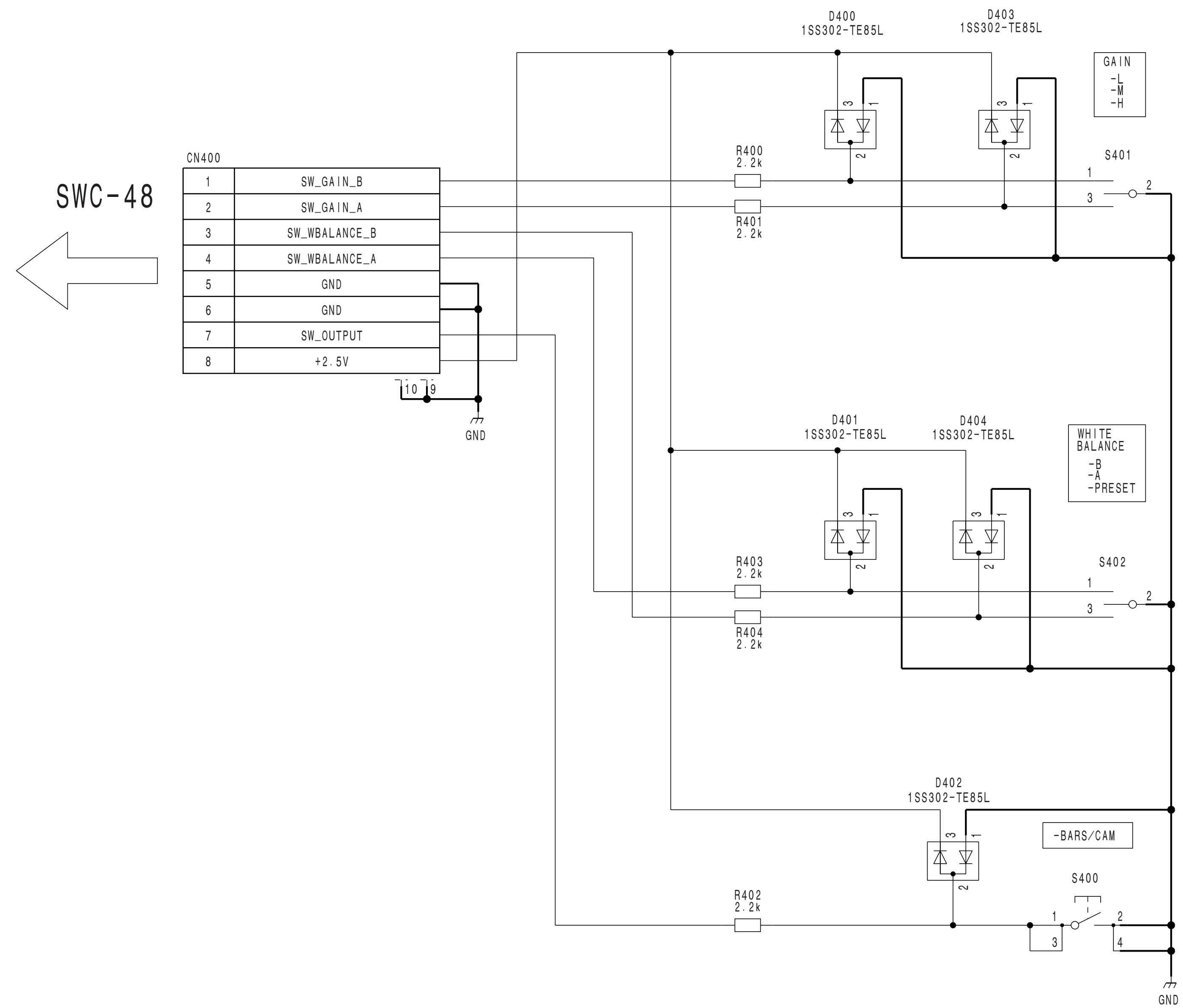


RE-261 (3/3)
BOARD NO. 1-877-317-11
PMW-EX3_RE-261_011_3

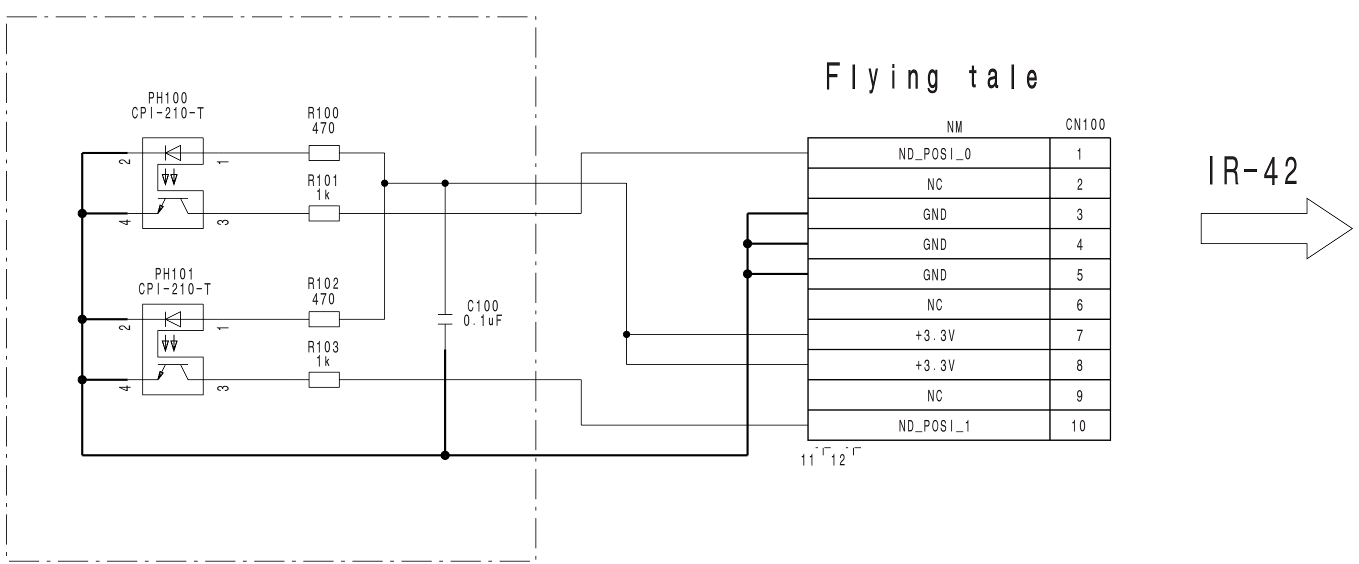
RM-214, SE-923, SW-1411
SUFFIX: -11 SUFFIX: -11 SUFFIX: -11



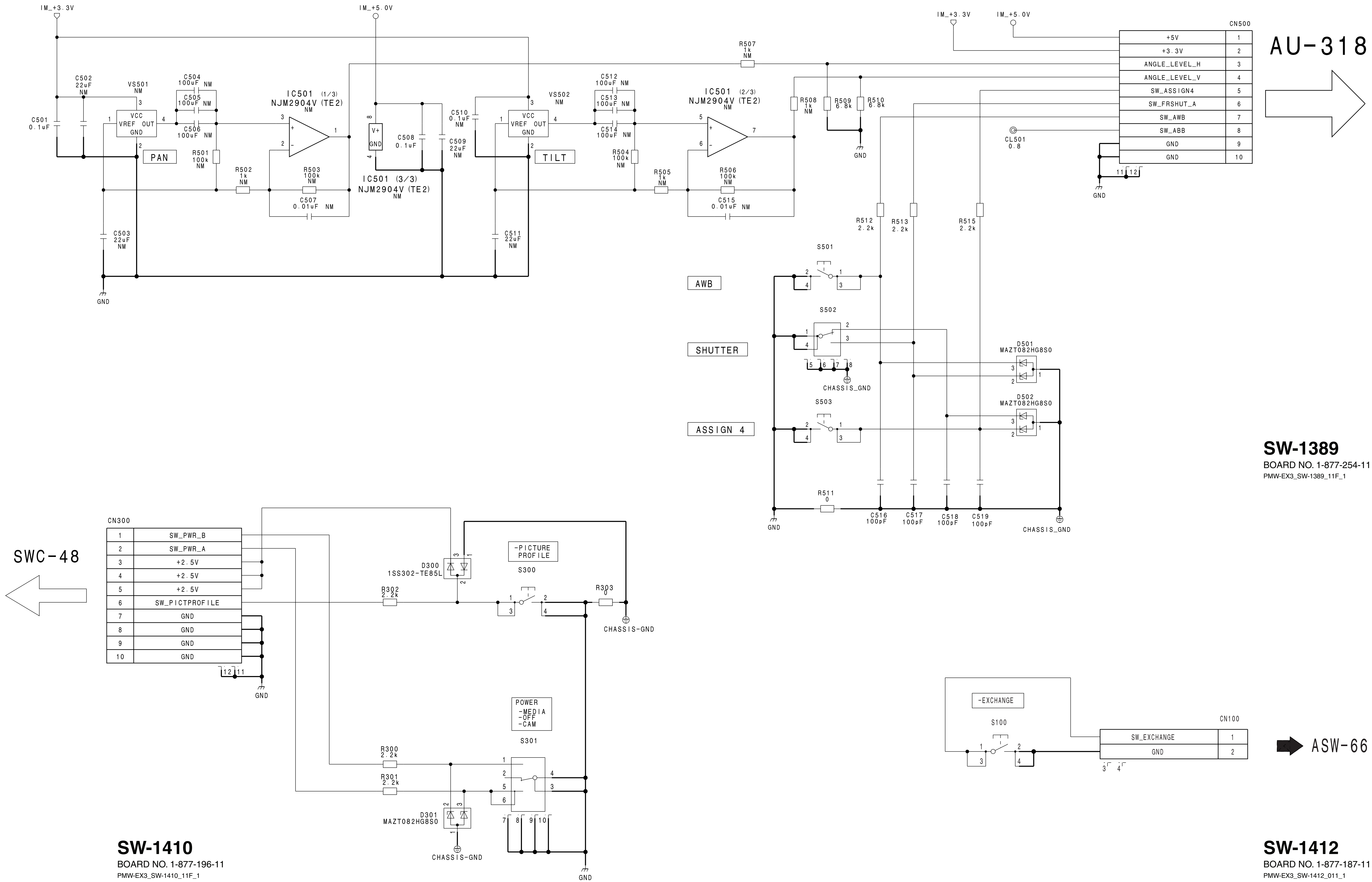
RM-214
BOARD NO. 1-877-194-11
PMW-EX3_RM-214_011_1



SW-1411
BOARD NO. 1-877-197-11
PMW-EX3_SW-1411_011_1



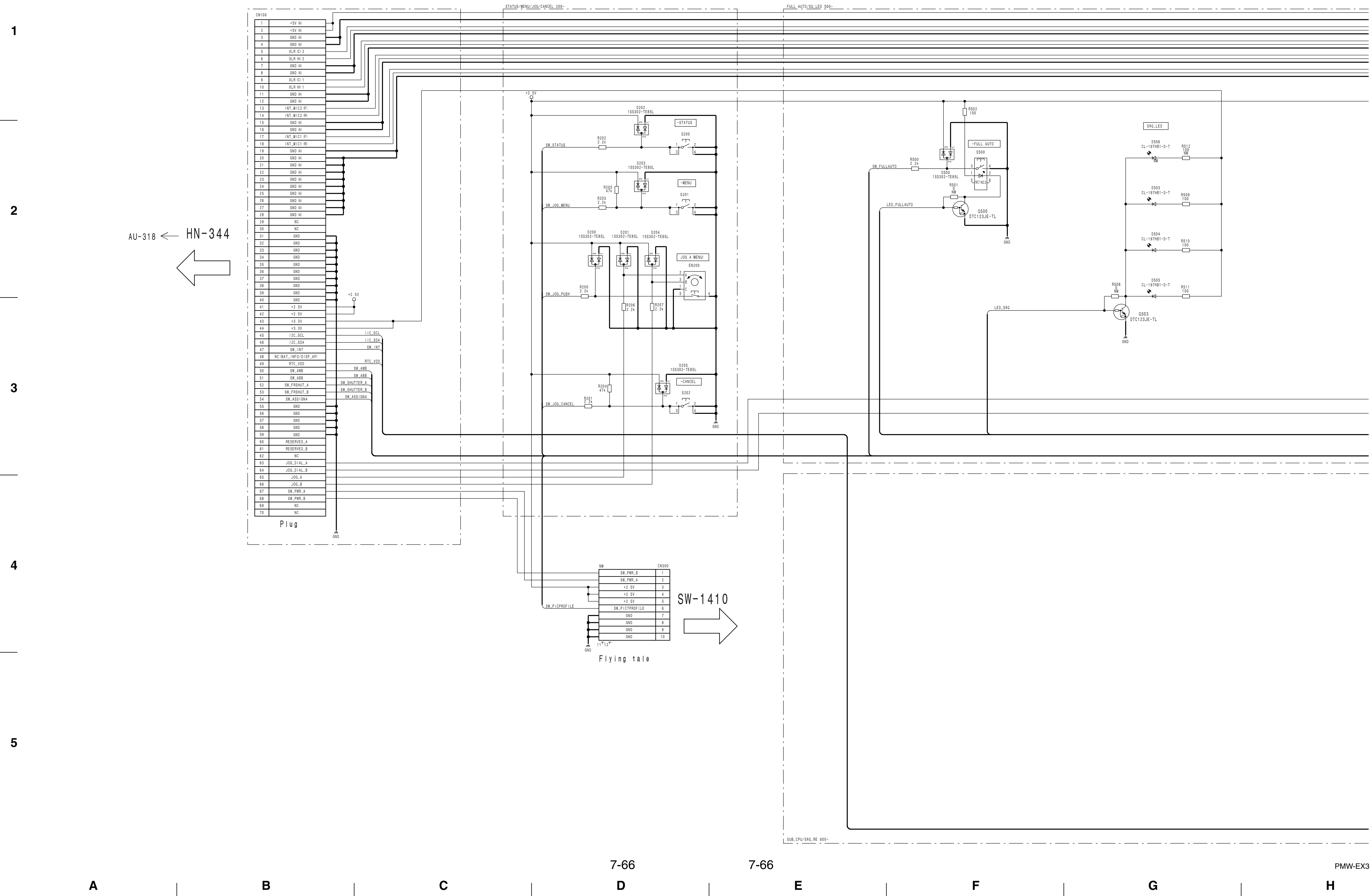
SE-923
BOARD NO. 1-877-245-11
PMW-EX3_SE-923_011_1



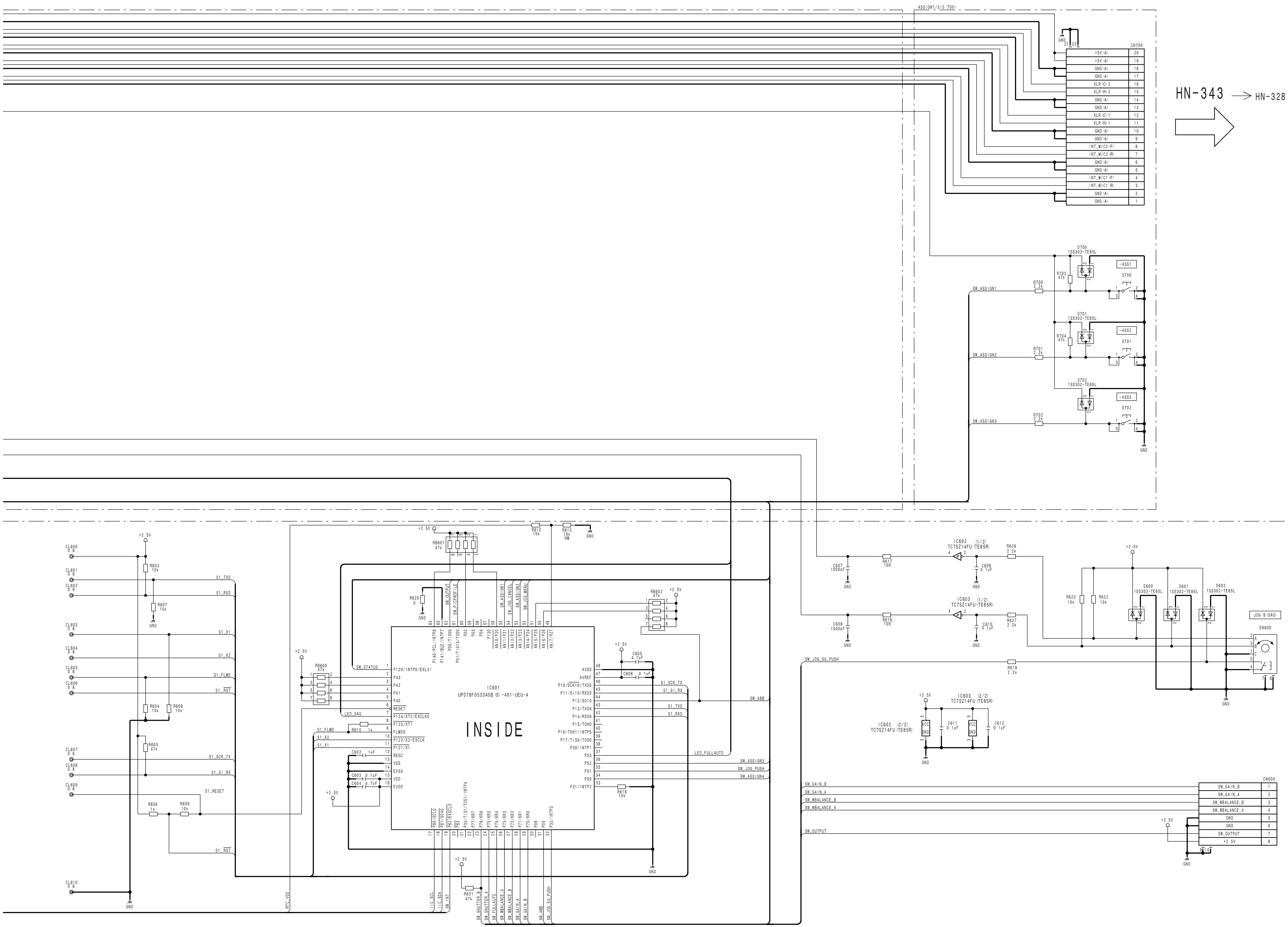
SW-1389
BOARD NO. 1-877-254-11
PMW-EX3_SW-1389_11F_1

SW-1410
BOARD NO. 1-877-196-11
PMW-EX3_SW-1410_11F_1

SW-1412
BOARD NO. 1-877-187-11
PMW-EX3_SW-1412_011_1

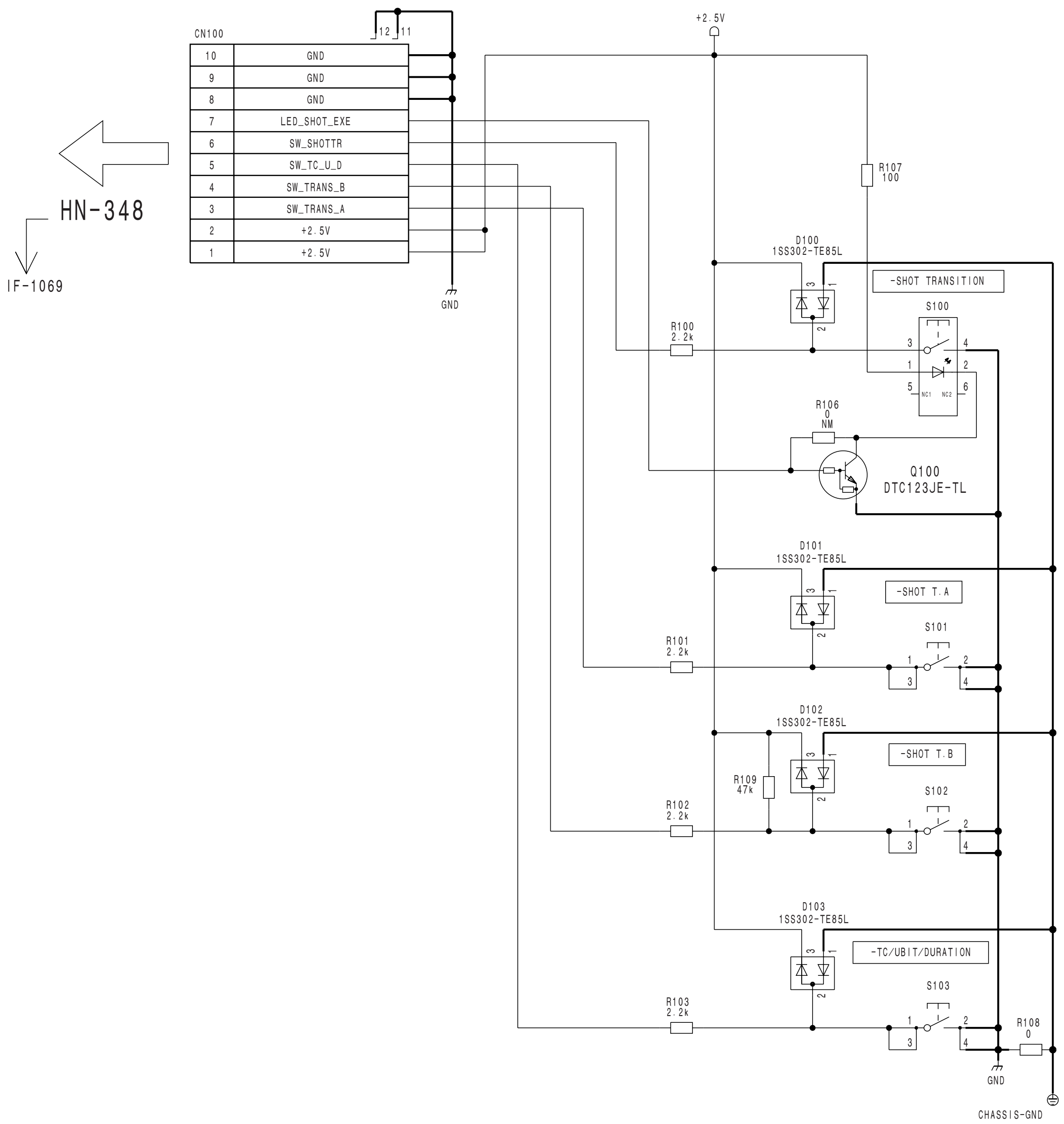


AU-318
HN-344
CN100
Plug
SW-1410
CN300
Flying tale
STATUS/MENU/JOG/CANCEL 200~
FULL AUTO/SQ_LED 500~
SUB_CPU/S&Q_RE 600~



SWC-48
BOARD NO. 1-877-246-11
PMW-EX3_SWC-48_011_1

SWC-49
SUFFIX: -11

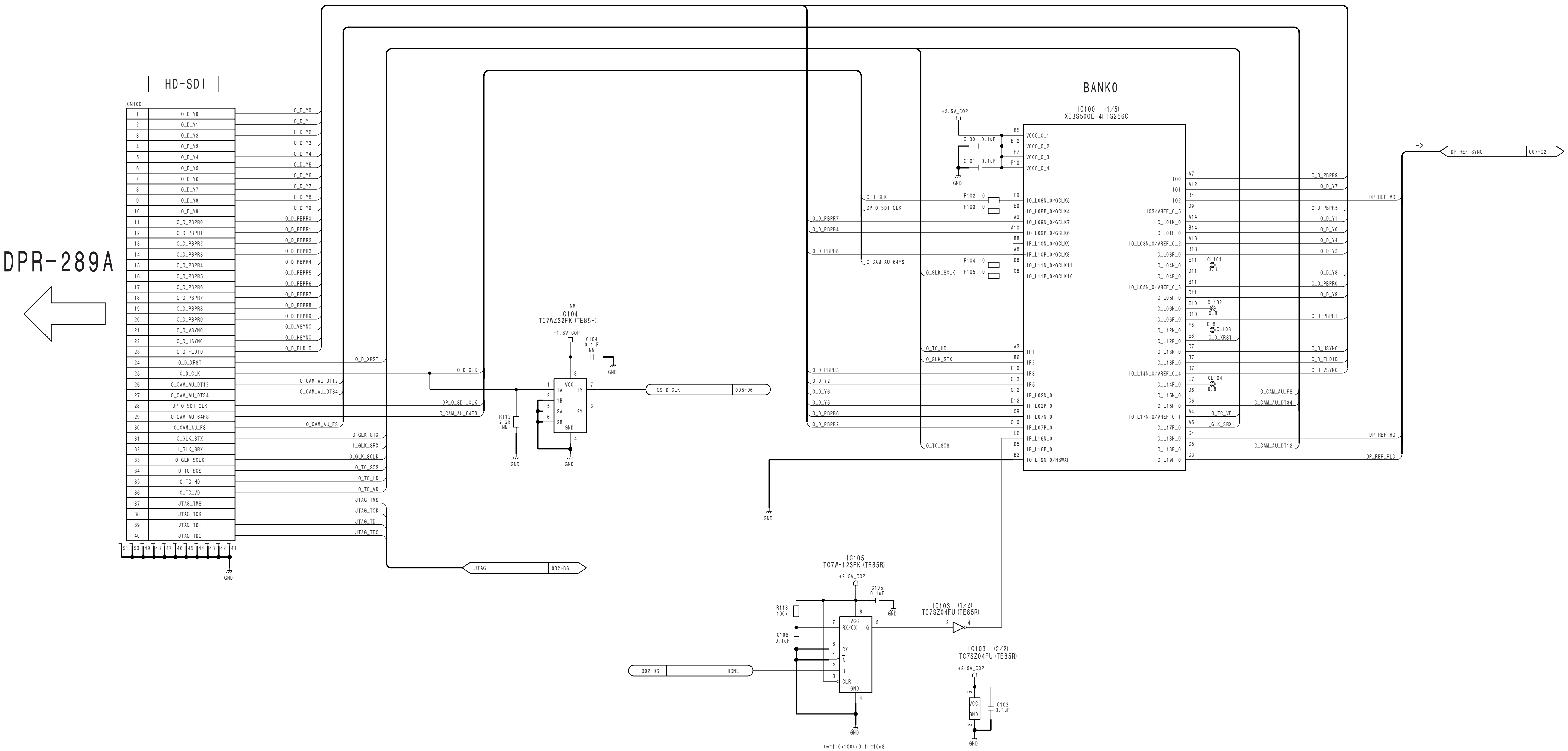


SWC-49

BOARD NO. 1-877-192-11

PMW-EX3_SWC-49_011_1

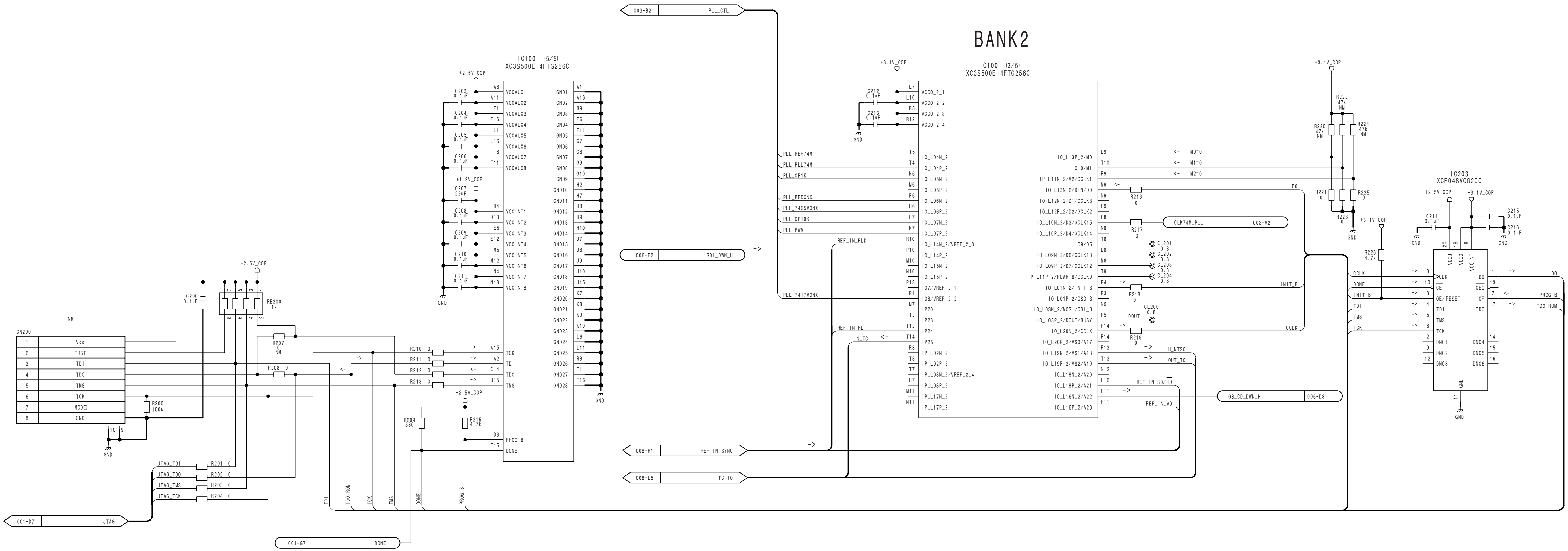
TX-129 (1/8)
SUFFIX: -11



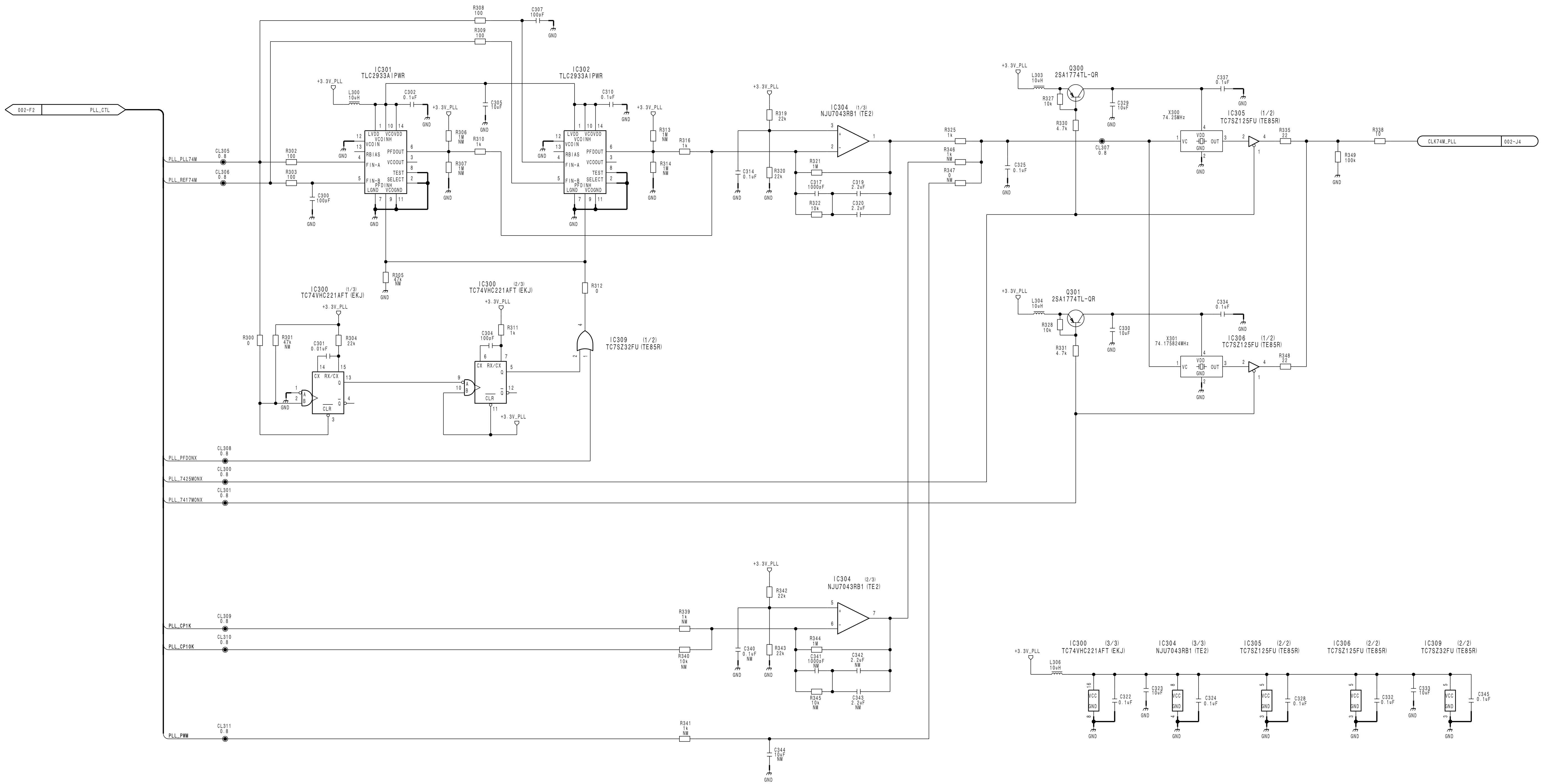
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TX-129 (1/8)

BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_1



TX-129 (2/8)
BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_2



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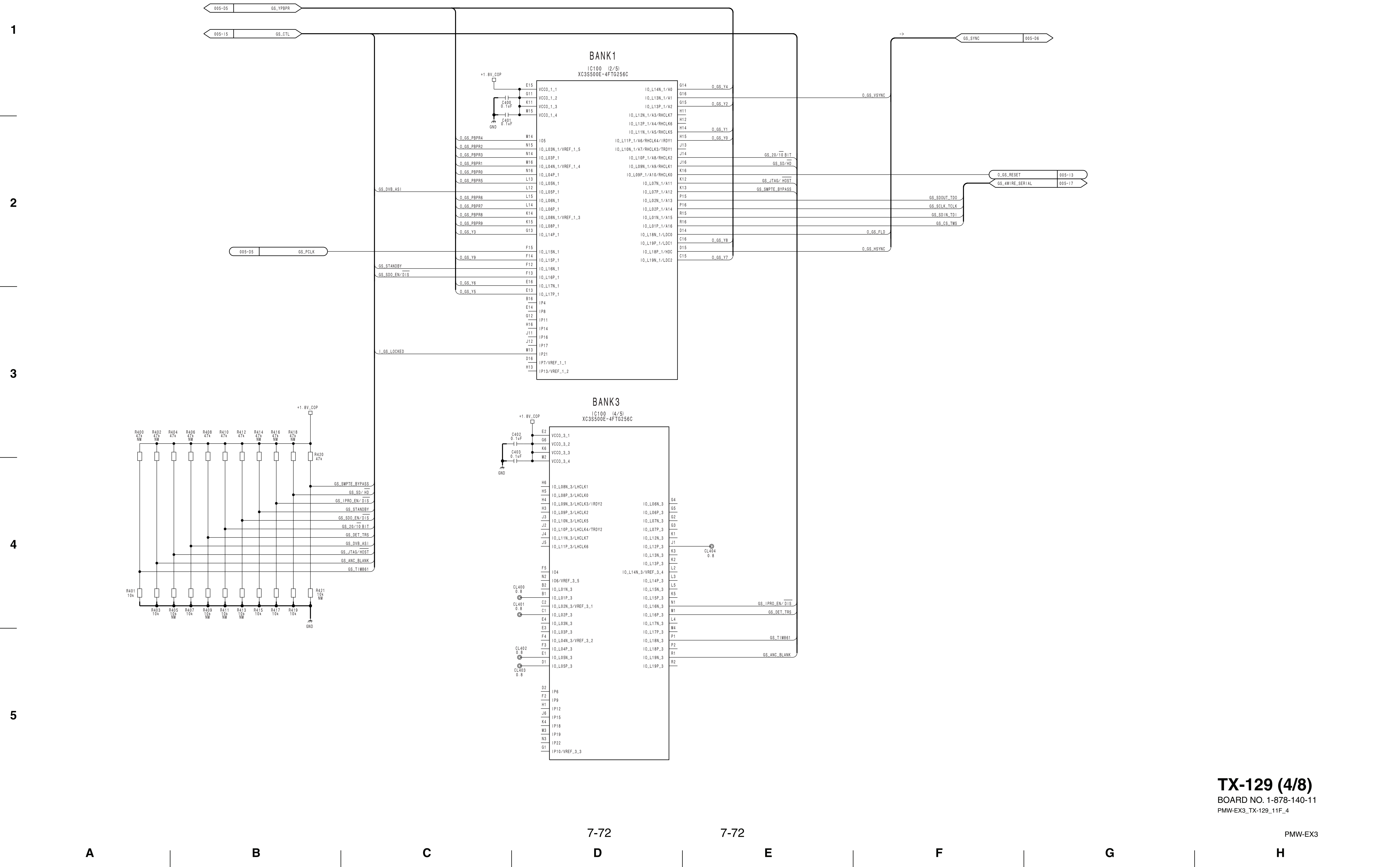
4

5

TX-129 (3/8)
BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_3

A B C D E F G H

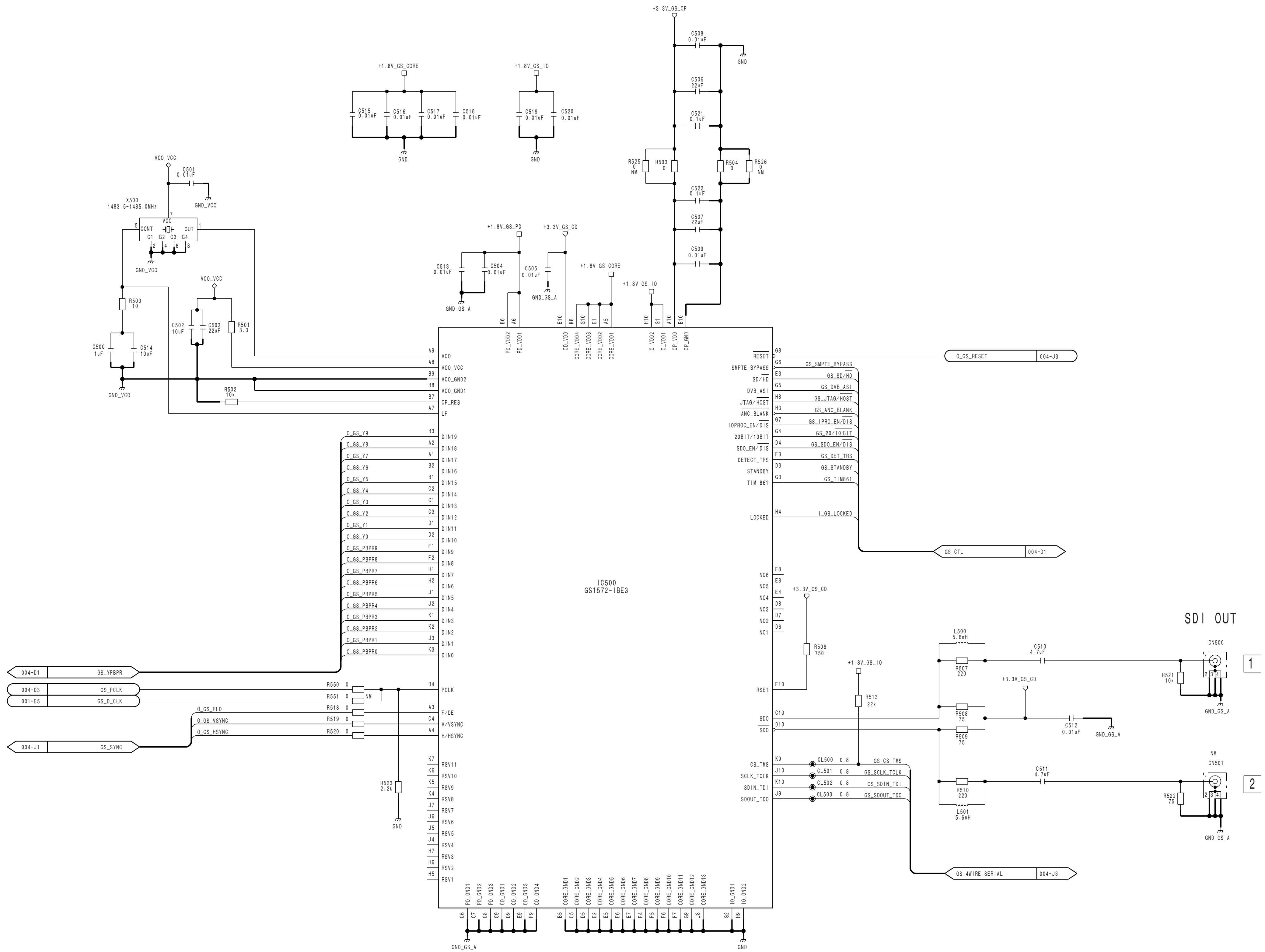
TX-129 (4/8)
SUFFIX: -11



TX-129 (4/8)
BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_4

7-72

TX-129 (5/8)
SUFFIX: -11



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TX-129 (5/8)

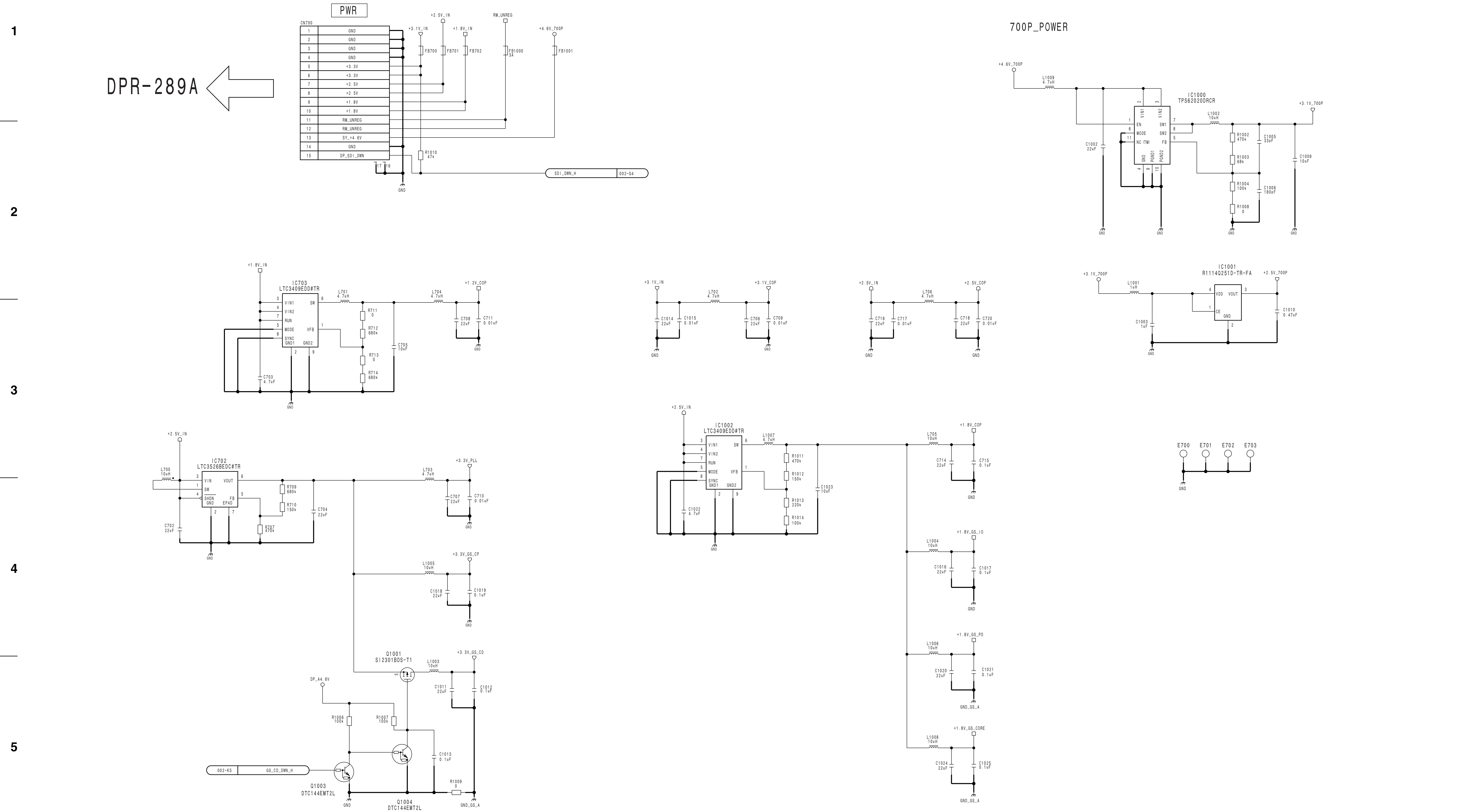
BOARD NO. 1-878-140-11

PMW-EX3_TX-129_11F_5

7-73

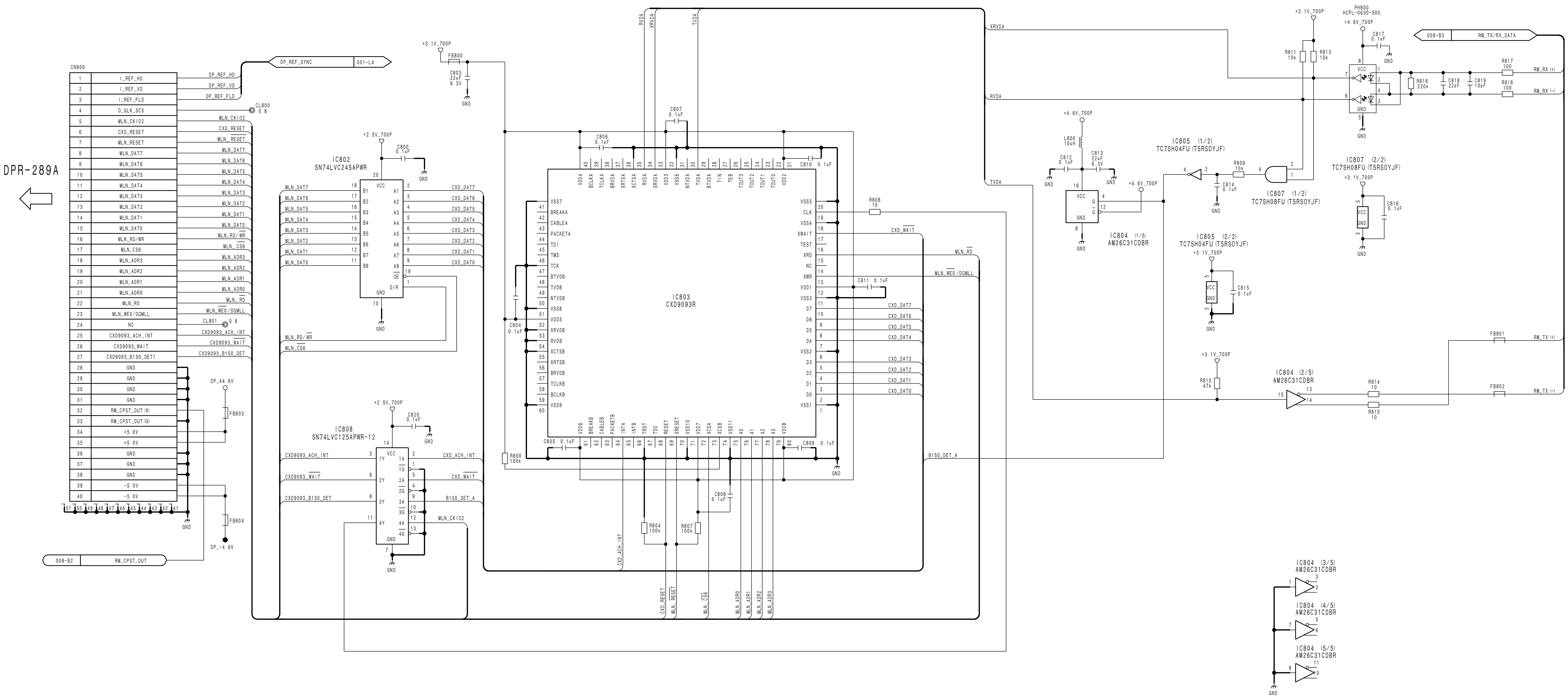
A B C D E F G H

TX-129 (6/8)
SUFFIX: -11



TX-129 (6/8)
BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_6

TX-129 (7/8)
SUFFIX: -11

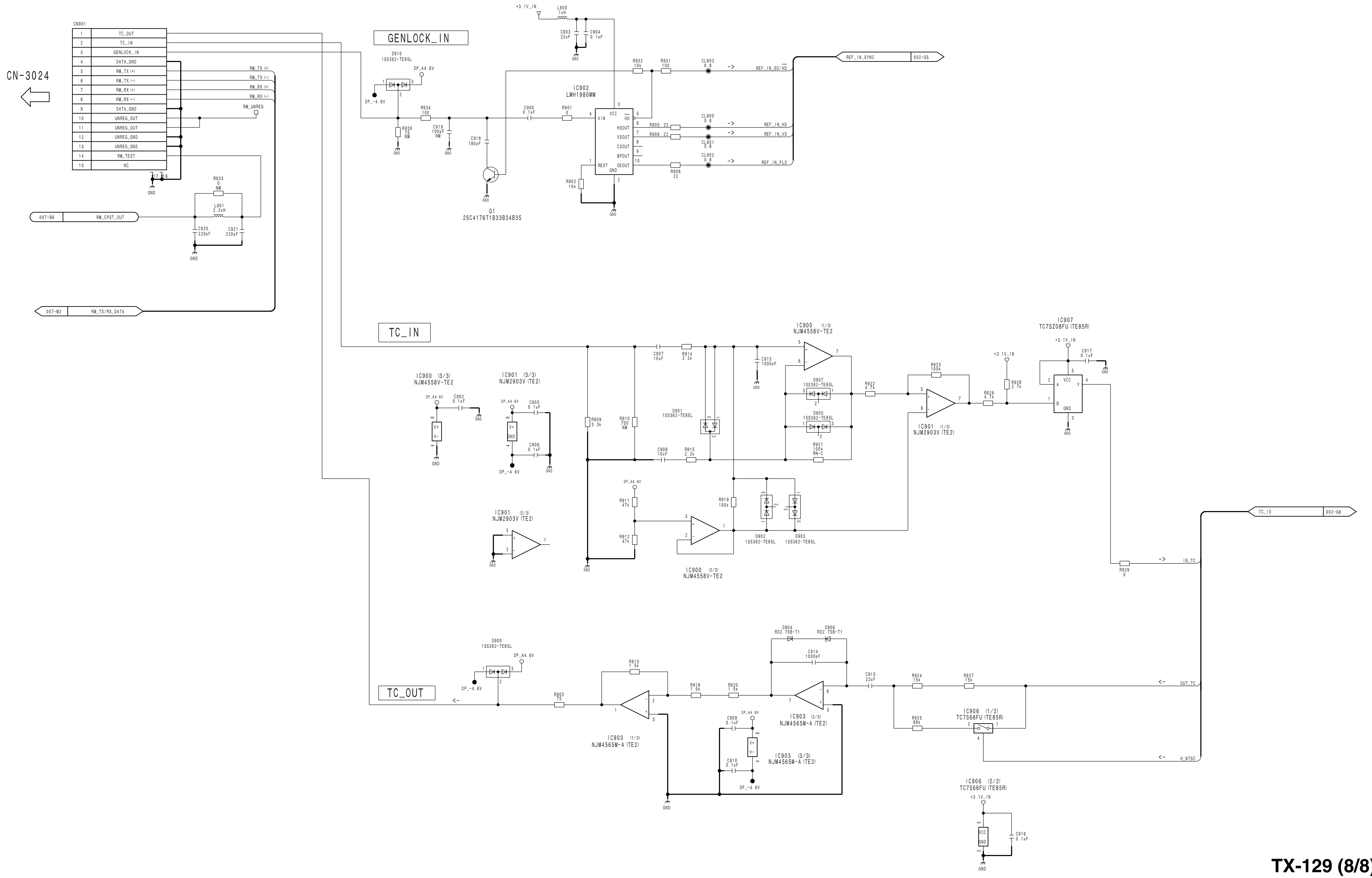


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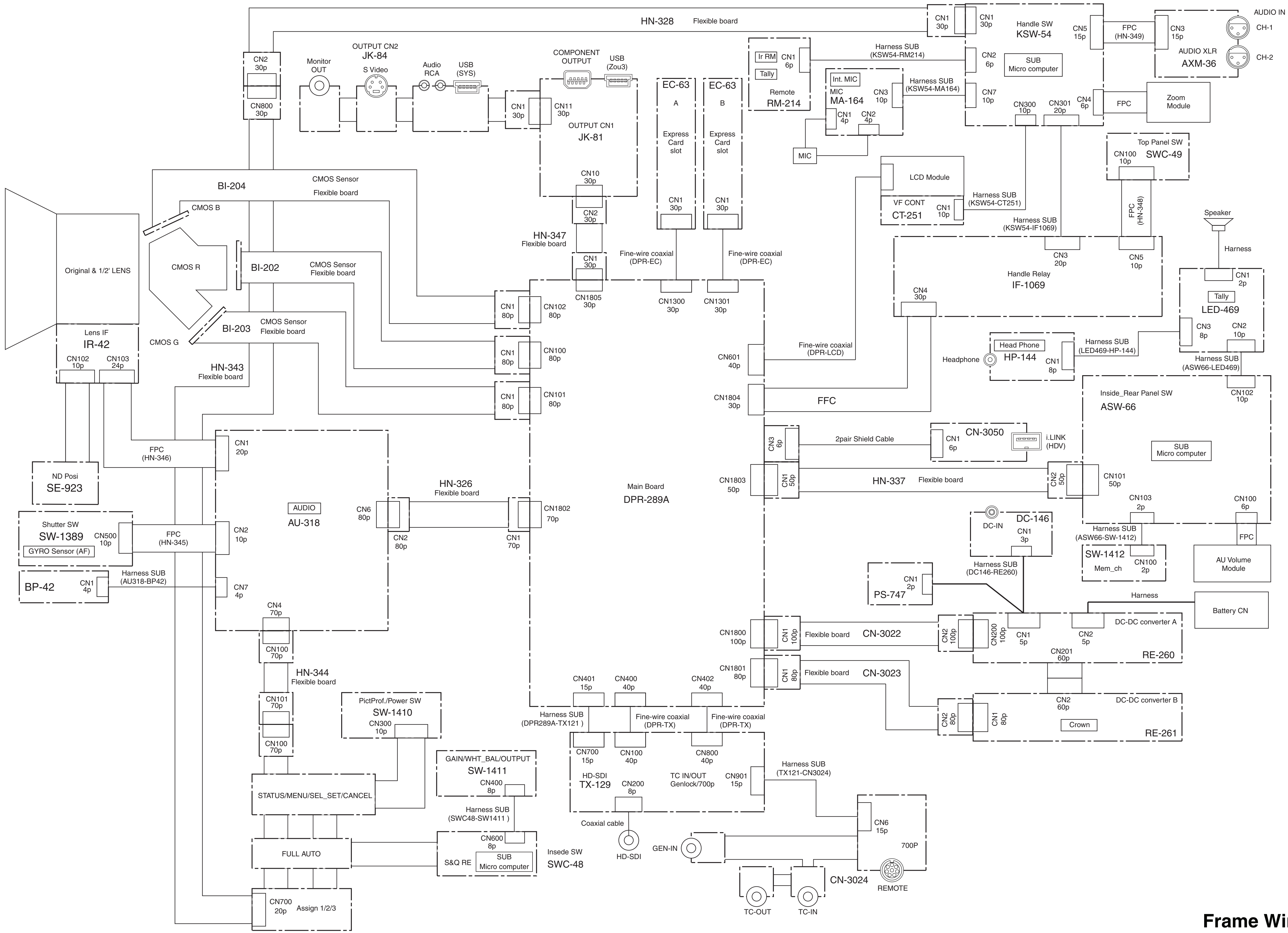
TX-129 (7/8)

BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_7

TX-129 (8/8)
SUFFIX: -11



TX-129 (8/8)
BOARD NO. 1-878-140-11
PMW-EX3_TX-129_11F_8

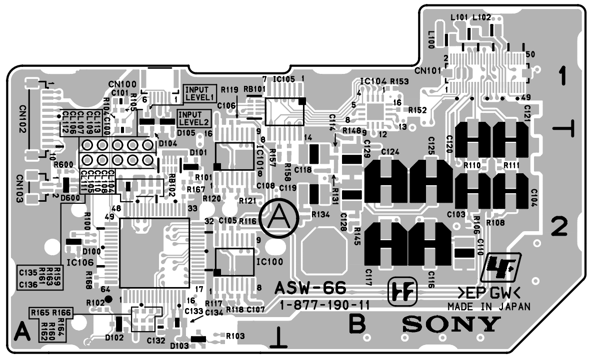


Frame Wiring

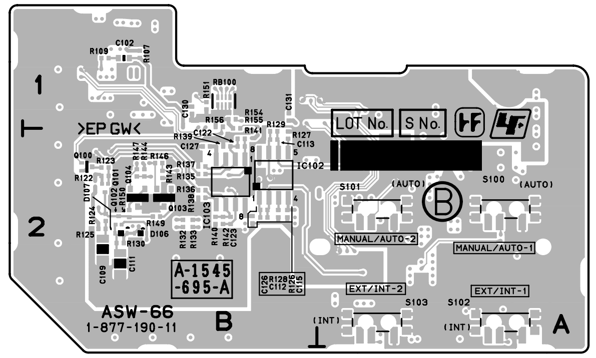
1
2
3
4
5

Section 8
Board Layouts

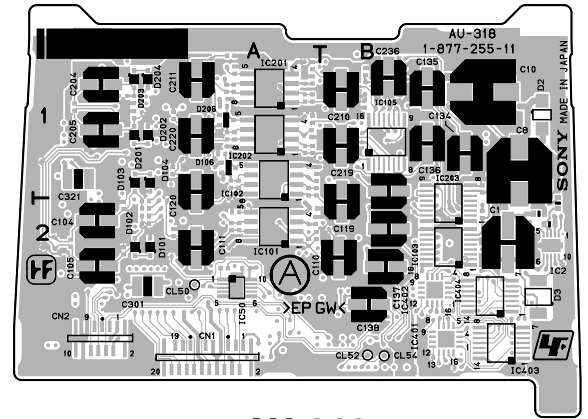
Index



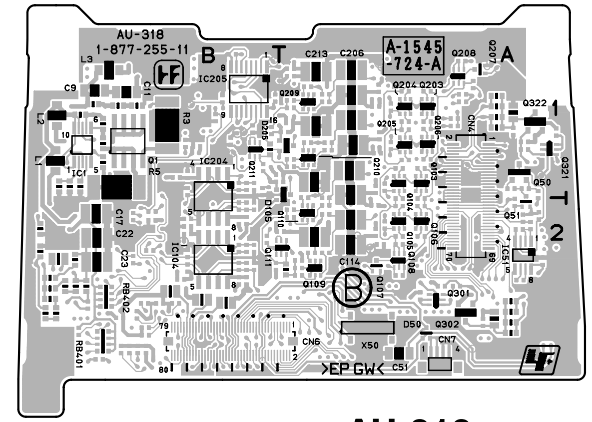
ASW-66 -A SIDE-
SUFFIX: -11



ASW-66 -B SIDE-
SUFFIX: -11



AU-318 -A SIDE-
SUFFIX: -11



AU-318 -B SIDE-
SUFFIX: -11

ASW-66 (1-877-190-11)
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*:B SIDE

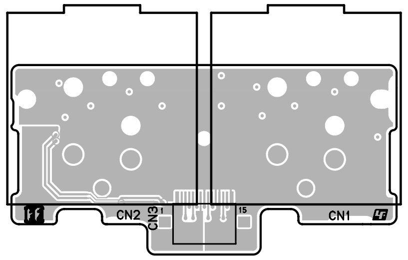
C100	A2	D102	A2	R134	B2
C101	A1	D103	A2	R135	*B2
C102	*B1	D104	A1	R136	*B2
C103	B2	D105	A1	R137	*B2
C104	B2	D106	*B2	R138	*B2
C105	A2	D107	*B2	R139	*B2
C106	A1	D600	A2	R140	*B2
C107	A2			R141	*B2
C108	A2	IC100	A2	R142	*B2
C109	*B2	IC101	A2	R143	*B2
C110	B2	IC102	*B2	R144	*B2
C111	*B2	IC103	*B2	R145	B2
C112	*B2	IC104	B1	R146	*B2
C113	*B2	IC105	B1	R147	*B2
C114	B2	IC106	A2	R148	B2
C115	*B2			R149	*B2
C116	B2	L100	B1	R150	*B2
C117	B2	L101	B1	R151	*B1
C118	B2	L102	B1	R152	B1
C119	B2			R153	B1
C120	B2	Q100	*B2	R154	*B1
C121	B2	Q101	*B2	R155	*B2
C122	*B2	Q102	*B2	R156	*B1
C123	*B2	Q103	*B2	R157	B2
C124	B2	Q104	*B2	R158	B2
C125	B2			R159	A2
C126	*B2	R100	A2	R160	A2
C127	*B2	R101	A2	R161	A2
C128	B2	R102	A2	R162	A2
C129	B2	R103	A2	R163	A2
C130	*B1	R104	A1	R164	A2
C131	*B1	R105	A1	R165	A2
C132	A2	R106	B2	R166	A2
C133	A2	R107	*B1	R167	A2
C134	A2	R108	B2	R168	A2
C135	A2	R109	*B1	R600	A2
C136	A2	R110	B2		
		R111	B2	RB100	*B1
CL104	A2	R116	A2	RB101	A1
CL105	A2	R117	A2	RB102	A2
CL106	A2	R118	A2		
CL107	A2	R119	A1	S100	*A2
CL108	A2	R120	A2	S101	*A2
CL109	A2	R121	A2	S102	*A2
CL110	A2	R122	*B2	S103	*A2
CL111	A2	R123	*B2		
CL112	A2	R124	*B2		
CL113	A2	R125	*B2		
		R126	*B2		
CN100	A1	R127	*B2		
CN101	B1	R128	*B2		
CN102	A1	R129	*B2		
CN103	A2	R130	*B2		
		R131	B2		
D100	A2	R132	*B2		
D101	A2	R133	*B2		

AU-318 (1-877-255-11)
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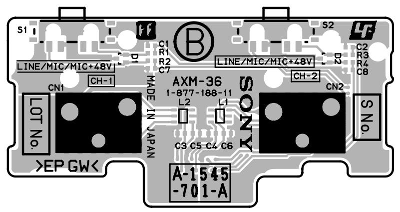
*:B SIDE

C1	B2	C204	A1	D104	A1	Q210	*A1	R126	A1	R219	*A1	R323	*A1
C2	B2	C205	A1	D105	*A1	Q211	*B1	R127	A2	R220	*A1	R324	*A1
C3	*B1	C206	*A1	D106	A1	Q301	*A2	R128	A1	R221	*A1	R401	*B2
C4	*B1	C207	A1	D201	A1	Q302	*A2	R129	*A2	R222	*A1	R402	*B2
C5	*B1	C208	A1	D202	A1	Q321	*A1	R130	*A2	R223	*A1	R403	*B2
C6	*B1	C209	*A1	D203	A1	Q322	*A1	R131	*A2	R224	*A1	R404	*B2
C8	B1	C210	B1	D204	A1			R132	*A2	R225	*A1	R405	*B2
C9	*B1	C211	A1	D205	*A1	R1	*B1	R133	*A2	R226	A1	R406	*B2
C10	B1	C212	*A1	D206	A1	R2	*B1	R134	*A2	R227	A1	R407	*B2
C11	*B1	C213	*A1			R3	*B1	R135	*A2	R228	A1	R408	*B2
C17	*B2	C214	*A1	IC1	*B1	R4	*B1	R136	A2	R229	*A1	R409	*B2
C18	B2	C215	*A1	IC2	B2	R5	*B1	R137	A2	R230	*A1		
C19	*B2	C216	A1	IC50	A2	R6	*B1	R138	*A2	R231	*A1	RB401	*B2
C20	*B2	C217	A1	IC51	*A2	R7	*B1	R139	*B2	R232	*A1	RB402	*B2
C21	*B2	C218	*A1	IC101	A2	R8	*B1	R140	*A2	R233	*B1		
C22	*B2	C219	B1	IC102	A1	R16	B2	R141	*B2	R234	*A1	X50	*A2
C23	*B2	C220	A1	IC103	B2	R17	*B2	R142	A2	R235	*B1		
C50	A2	C221	*A1	IC104	*B2	R18	*B2	R143	*A2	R236	A1		
C51	*A2	C222	*A1	IC105	B1	R20	*B2	R144	*A2	R237	A1		
C52	*A2	C223	*A1	IC201	A1	R21	*B2	R145	*A2	R238	*A1		
C53	*A2	C224	*B2	IC202	A1	R22	*B2	R146	*A2	R239	A1		
C103	A2	C225	B1	IC203	B2	R23	*B2	R147	*A2	R240	*A1		
C104	A2	C226	*B1	IC204	*B1	R24	*B2	R148	A1	R241	*B1		
C105	A2	C227	*B2	IC205	*B1	R25	*B2	R149	A1	R242	A1		
C106	*A2	C228	*B1	IC401	B2	R26	*B2	R150	*B1	R243	*A1		
C107	A2	C229	*B1	IC402	B2	R50	A2	R151	A1	R244	*A1		
C108	A2	C230	*B1	IC403	B2	R52	*A2	R152	*A1	R245	*A1		
C109	A2	C231	*B2	IC404	B2	R53	*A1	R153	*A1	R246	*A1		
C110	B2	C236	B1			R54	*A1	R154	*B2	R247	*A1		
C111	A2	C237	B1	L1	*B1	R55	*A1	R155	*B2	R248	A1		
C112	*A2	C238	B2	L2	*B1	R56	*A2	R156	*B2	R249	A1		
C113	*A2	C301	A2	L3	*B1	R57	*A2	R157	*B2	R250	A1		
C114	*A2	C302	*A2	L4	*B2	R58	*A2	R158	*B2	R251	A1		
C115	*A1	C321	A1	L5	*B2	R59	*A2	R159	*B2	R252	*A1		
C116	A1	C322	*A1	L6	*B2	R103	*A2	R160	*B1	R253	*A1		
C117	A1	C401	*B2	L8	*B2	R104	*A2	R161	*B1	R254	*B2		
C118	*A1	C402	*B2			R105	*A2	R162	*B2	R255	*B2		
C119	B2	C403	*B2	Q1	*B1	R106	*A2	R163	*B2	R256	*B1		
C120	A1	C404	*B2	Q50	*A1	R108	A2	R164	*B1	R257	*B2		
C121	*A2			Q51	*A2	R109	A2	R165	*B2	R258	*B1		
C122	*A1	CL50	A2	Q103	*A1	R110	A2	R166	*B2	R259	*B2		
C123	*A1	CL52	B2	Q104	*A1	R111	A2	R203	*A1	R260	*B1		
C124	*B2	CL54	B2	Q105	*A2	R112	A2	R204	*A1	R261	B1		
C125	B2			Q106	*A2	R113	A2	R205	*A1	R262	*B1		
C126	*B2	CN1	A2	Q107	*A2	R114	*A1	R206	*A1	R263	*B2		
C127	*B2	CN2	A2	Q108	*A2	R115	*A2	R208	A1	R264	B1		
C128	*B1	CN4	*A1	Q109	*A2	R116	*A1	R209	A1	R265	*B2		
C129	*B1	CN6	*B2	Q110	*A2	R117	*A2	R210	*A1	R266	*B1		
C130	*B2	CN7	*A2	Q111	*A2	R118	*A2	R211	*A1	R267	A2		
C131	*B2			Q203	*A1	R119	*A2	R212	*A1	R268	A1		
C134	B1	D2	B1	Q204	*A1	R120	*A2	R213	*A1	R301	*A2		
C135	B1	D3	B2	Q205	*A1	R121	*A1	R214	*A1	R302	*A2		
C136	B1	D50	*A2	Q206	*A1	R122	*A2	R215	*A1	R303	*A2		
C137	B2	D101	A2	Q207	*A1	R123	*A2	R216	*A1	R304	*A2		
C138	B2	D102	A2	Q208	*A1	R124	*A2	R217	*A1	R321	*A1		
C203	A1	D103	A1	Q209	*A1	R125	*A2	R218	*A1	R322	*A1		

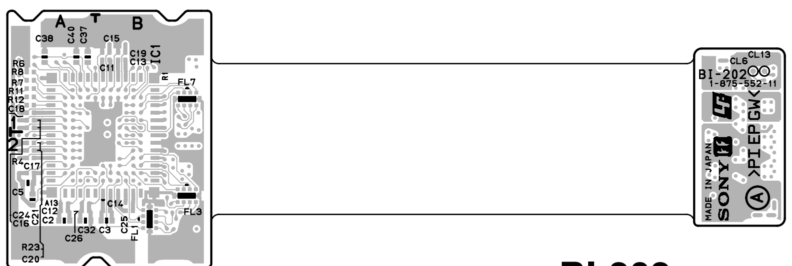
AXM-36, BI-202, BI-203



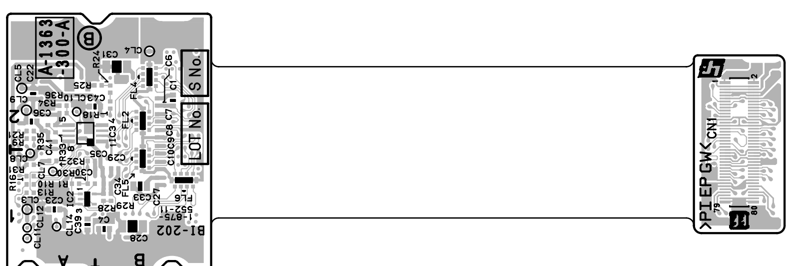
AXM-36 -A SIDE-
SUFFIX: -11



AXM-36 -B SIDE-
SUFFIX: -11



BI-202 -A SIDE-
SUFFIX: -11

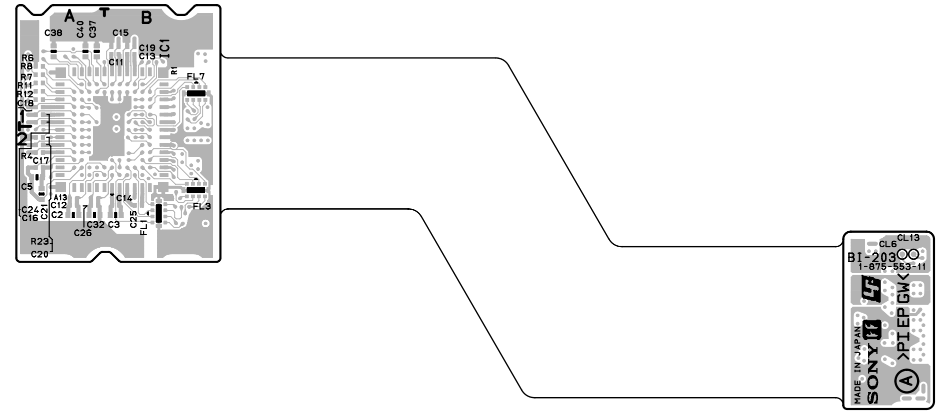


BI-202 -B SIDE-
SUFFIX: -11

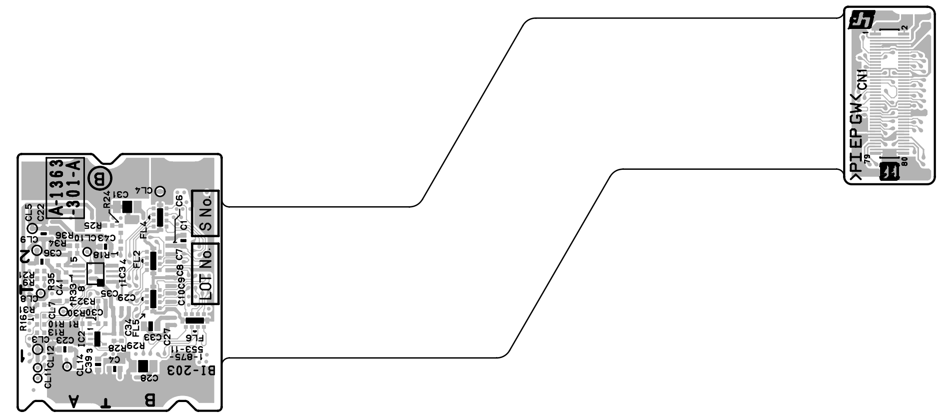
BI-202 (1-875-552-11)

*:B SIDE

C1	*B2	CL9	*A2
C2	A2	CL10	*A2
C3	B2	CL11	*A1
C4	*B1	CL12	*A1
C5	A2	CL13	B1
C6	*B2	CL14	*A1
C7	*B2		
C8	*B2	CN1	*B2
C9	*B1		
C10	*B1	FL1	B2
C11	B1	FL2	*B2
C12	A2	FL3	B2
C13	B1	FL4	*B2
C14	B2	FL5	*B1
C15	B1	FL6	*B1
C16	A1	FL7	B1
C17	A2		
C18	A1	IC1	B2
C19	B1	IC2	*A1
C20	A2	IC3	*A2
C21	A2		
C22	*A2	R1	*A1
C23	*A1	R4	A2
C24	A1	R6	A1
C25	B2	R7	A1
C26	A2	R8	A1
C27	*B1	R9	*A2
C28	*B1	R10	*A1
C29	*B1	R11	A1
C30	*B1	R12	A1
C31	*B2	R13	*A1
C32	A2	R16	*A1
C33	*B1	R18	*B2
C34	*B1	R21	*A2
C35	*A1	R23	A2
C36	*A2	R24	*B2
C37	A1	R25	*B2
C38	A1	R28	*B1
C39	*A1	R29	*B1
C40	A1	R30	*A1
C41	*A2	R31	*A1
C43	*A2	R32	*A1
		R33	*A2
CL3	*A1	R34	*A2
CL4	*B2	R35	*A2
CL5	*A2	R36	*A2
CL6	B1		
CL7	*A1		
CL8	*A1		



BI-203 -A SIDE-
SUFFIX: -11



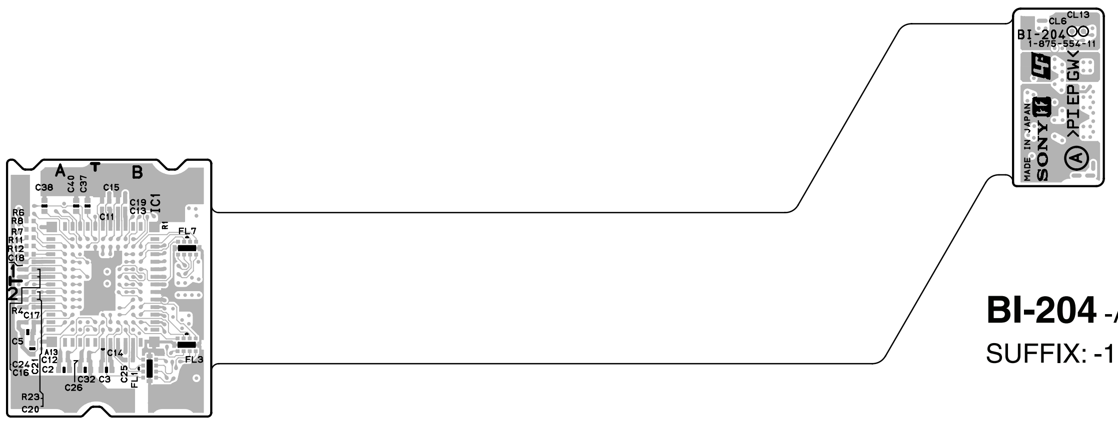
BI-203 -B SIDE-
SUFFIX: -11

BI-203 (1-875-553-11)

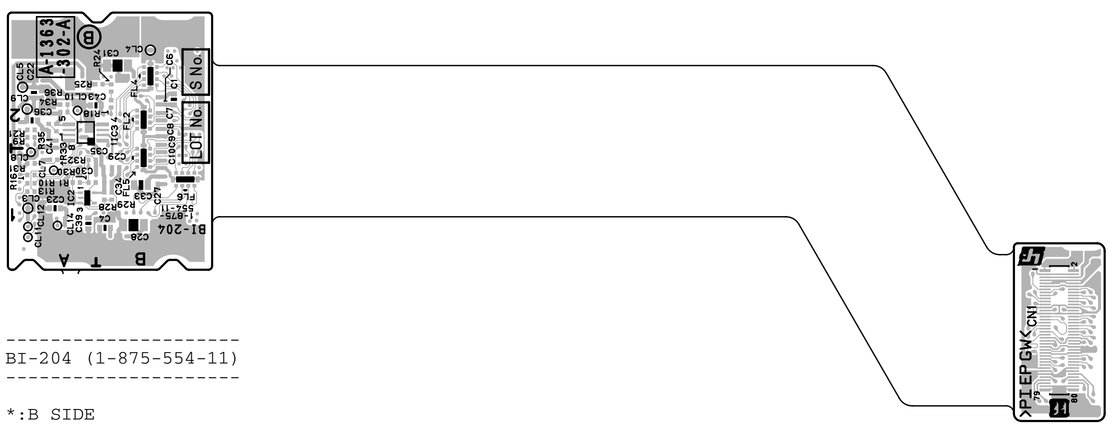
*:B SIDE

C1	*B2	C33	*B1	FL7	B1
C2	A2	C34	*B1		
C3	B2	C35	*A1	IC1	B2
C4	*B1	C36	*A2	IC2	*A1
C5	A2	C37	A1	IC3	*A2
C6	*B2	C38	A1		
C7	*B2	C39	*A1	R1	*A1
C8	*B2	C40	A1	R4	A2
C9	*B1	C41	*A2	R6	A1
C10	*B1	C43	*A2	R7	A1
C11	B1			R8	A1
C12	A2	CL3	*A1	R9	*A2
C13	B1	CL4	*B2	R10	*A1
C14	B2	CL5	*A2	R11	A1
C15	B1	CL6	B2	R12	A1
C16	A1	CL7	*A1	R13	*A1
C17	A2	CL8	*A1	R16	*A1
C18	A1	CL9	*A2	R18	*B2
C19	B1	CL10	*A2	R21	*A2
C20	A2	CL11	*A1	R23	A2
C21	A2	CL12	*A1	R24	*B2
C22	*A2	CL13	B2	R25	*B2
C23	*A1	CL14	*A1	R28	*B1
C24	A1			R29	*B1
C25	B2	CN1	*B2	R30	*A1
C26	A2			R31	*A1
C27	*B1	FL1	B2	R32	*A1
C28	*B1	FL2	*B2	R33	*A2
C29	*B1	FL3	B2	R34	*A2
C30	*B1	FL4	*B2	R35	*A2
C31	*B2	FL5	*B1	R36	*A2
C32	A2	FL6	*B1		

BI-204, BP-42, CN-3022, CN-3023, CN-3024, CN-3050



BI-204 -A SIDE-
SUFFIX: -11

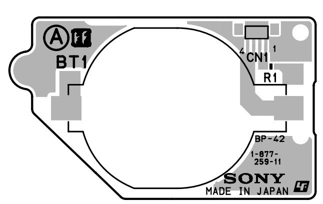


BI-204 -B SIDE-
SUFFIX: -11

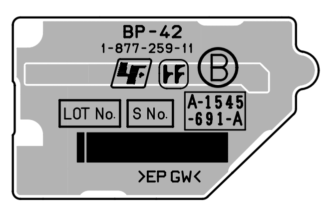
BI-204 (1-875-554-11)

*:B SIDE

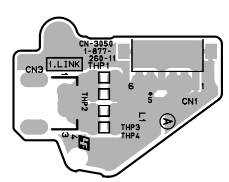
C1	*B2	CL3	*A1	R25	*B2
C2	A2	CL4	*B2	R28	*B1
C3	B2	CL5	*A2	R29	*B1
C4	*B1	CL6	B1	R30	*A1
C5	A2	CL7	*A1	R31	*A1
C6	*B2	CL8	*A1	R32	*A1
C7	*B2	CL9	*A2	R33	*A2
C8	*B2	CL10	*A2	R34	*A2
C9	*B1	CL11	*A1	R35	*A2
C10	*B1	CL12	*A1	R36	*A2
C11	B1	CL13	B1		
C12	A2	CL14	*A1		
C13	B1				
C14	B2	CN1	*B1		
C15	B1				
C16	A1	FL1	B2		
C17	A2	FL2	*B2		
C18	A1	FL3	B2		
C19	B1	FL4	*B2		
C20	A2	FL5	*B1		
C21	A2	FL6	*B1		
C22	*A2	FL7	B1		
C23	*A1				
C24	A1	IC1	B2		
C25	B2	IC2	*A1		
C26	A2	IC3	*A2		
C27	*B1				
C28	*B1	R1	*A1		
C29	*B1	R4	A2		
C30	*B1	R6	A1		
C31	*B2	R7	A1		
C32	A2	R8	A1		
C33	*B1	R9	*A2		
C34	*B1	R10	*A1		
C35	*A1	R11	A1		
C36	*A2	R12	A1		
C37	A1	R13	*A1		
C38	A1	R16	*A1		
C39	*A1	R18	*B2		
C40	A1	R21	*A2		
C41	*A2	R23	A2		
C43	*A2	R24	*B2		



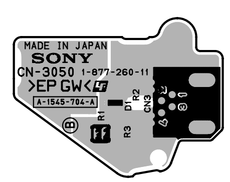
BP-42 -A SIDE-
SUFFIX: -11



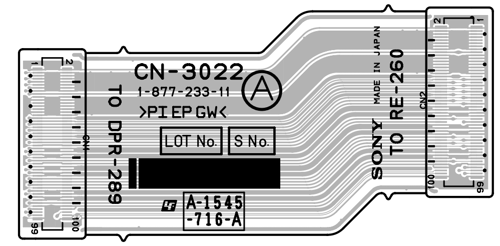
BP-42 -B SIDE-
SUFFIX: -11



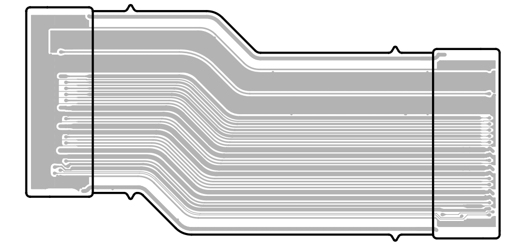
CN-3050 -A SIDE-
SUFFIX: -11



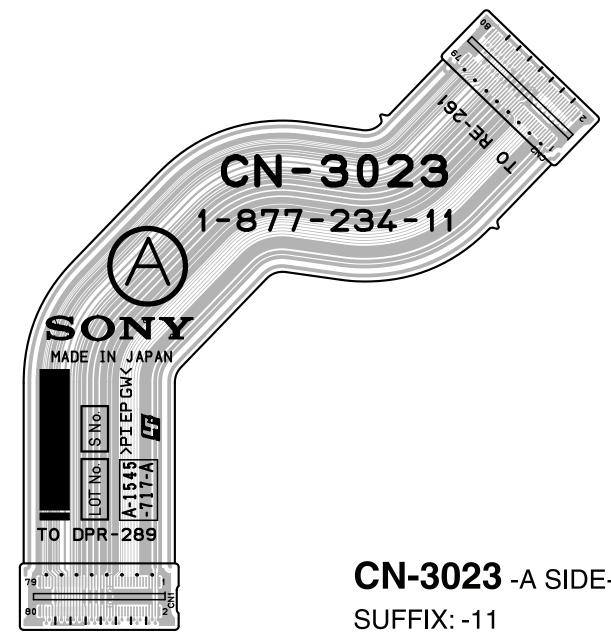
CN-3050 -B SIDE-
SUFFIX: -11



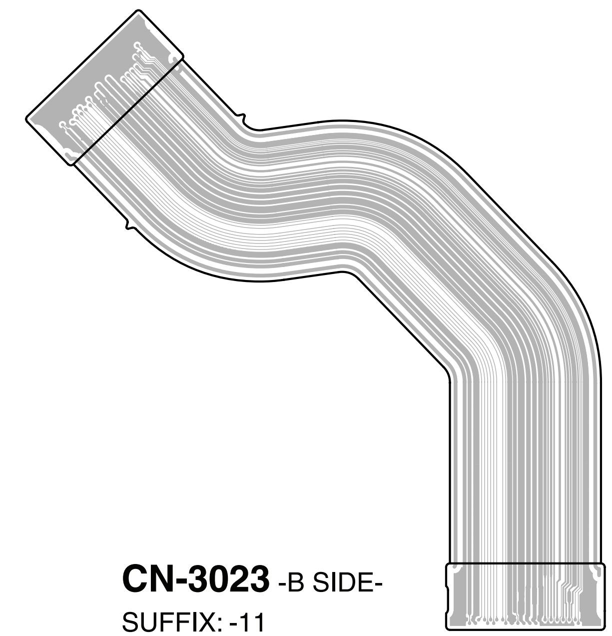
CN-3022 -A SIDE-
SUFFIX: -11



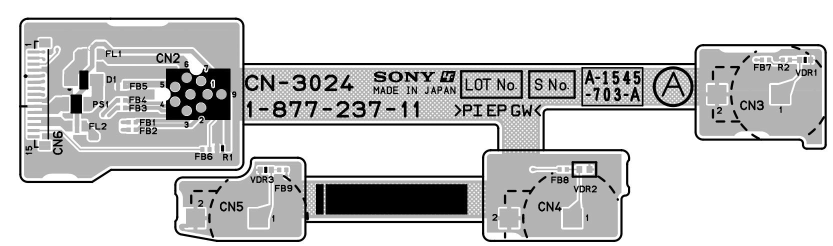
CN-3022 -B SIDE-
SUFFIX: -11



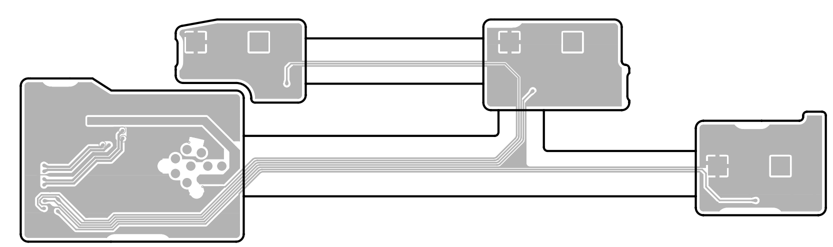
CN-3023 -A SIDE-
SUFFIX: -11



CN-3023 -B SIDE-
SUFFIX: -11

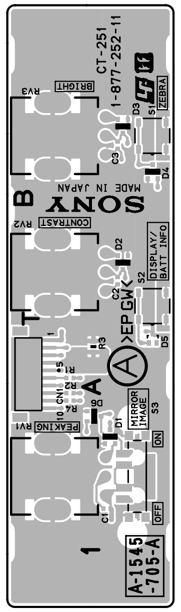


CN-3024 -A SIDE-
SUFFIX: -11

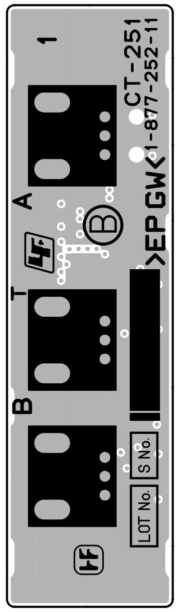


CN-3024 -B SIDE-
SUFFIX: -11

CT-251, DC-146, DPR-289A



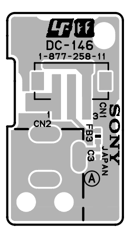
CT-251 -A SIDE-
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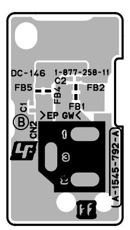
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CT-251 (1-877-252-11)
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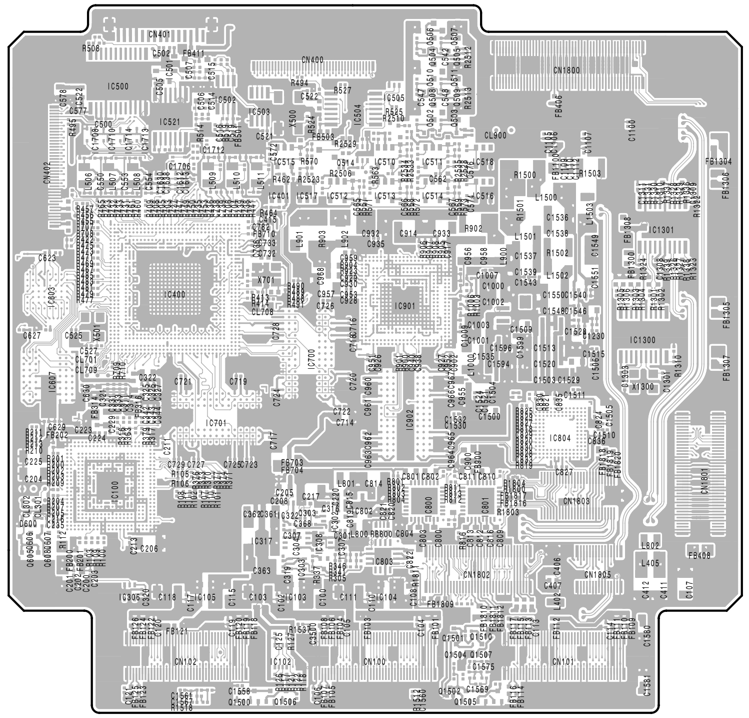
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D2	B1		
D3	B1		
D4	B1		
D5	A1		
D6	A1		
R1	A1		
R2	A1		
R3	A1		
R4	A1		



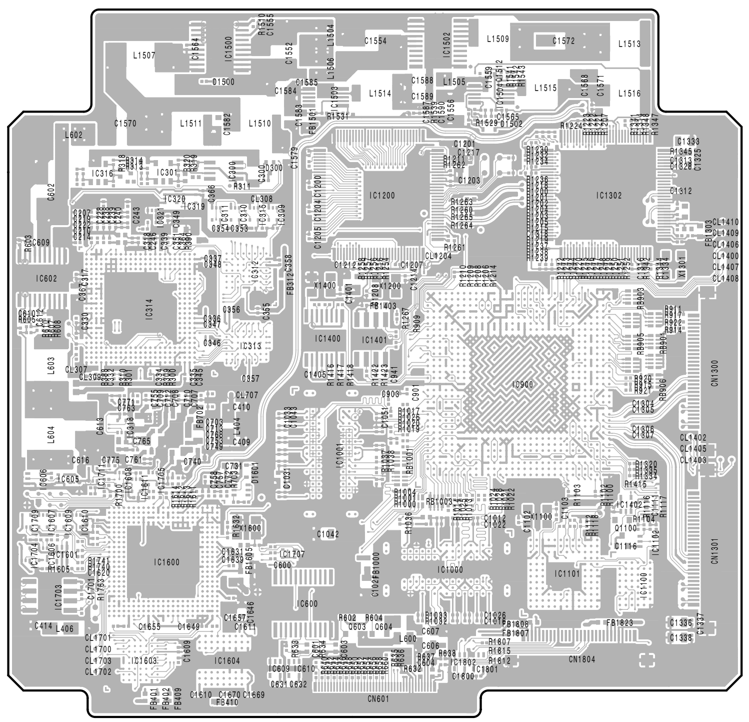
DC-146 -A SIDE-
SUFFIX: -11



DC-146 -B SIDE-
SUFFIX: -11



DPR-289A -A SIDE-
SUFFIX: -13



DPR-289A -B SIDE-
SUFFIX: -13

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DPR-289A (1-875-327-13)
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*:B SIDE

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C102	B4	C330	*A3	C558	B1	C740	*A2	C940	C2	C1205	*B3	C1534	C2	C1650	A1
C103	B4	C331	A3	C559	B1	C741	*A2	C941	*B2	C1207	*C3	C1535	C2	C1651	*B1
C104	C4	C332	*A2	C560	B1	C742	*B2	C951	B2	C1208	*B3	C1536	C2	C1652	*A2
C105	B4	C333	A3	C561	C1	C743	*A2	C952	C2	C1209	*C3	C1537	C2	C1653	A1
C106	B4	C334	*A2	C562	C1	C745	B2	C953	B2	C1210	*C3	C1538	C2	C1654	*A1
C107	D4	C335	*A2	C563	C1	C746	B2	C954	C2	C1211	*C3	C1539	C2	C1655	*A1
C108	C4	C336	*B3	C564	C1	C747	B2	C955	C3	C1212	*B3	C1540	D2	C1657	*B1
C110	B4	C337	*B3	C565	B2	C748	*A2	C956	C2	C1213	*C3	C1541	C2	C1659	*B1
C111	B4	C338	A3	C566	C2	C749	*B2	C957	B2	C1214	*C3	C1542	D2	C1661	*B1
C112	C4	C339	*A3	C567	C2	C750	*A2	C958	C2	C1216	*B3	C1543	C2	C1669	*B1
C113	C4	C340	*A3	C568	B1	C751	*A2	C959	B2	C1217	*C3	C1544	D2	C1670	*B1
C114	D4	C341	*A3	C569	B1	C752	*A2	C960	B2	C1218	*B3	C1545	D2	C1671	*A2
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C117	A4	C343	A3	C571	B1	C754	*A2	C962	B3	C1225	*C3	C1547	D2	C1673	*B1
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C119	B4	C345	*A2	C573	C1	C756	*A2	C964	C3	C1228	D2	C1549	D2	C1702	*A1
C120	A4	C346	*B2	C574	C2	C757	*B2	C965	C3	C1229	D2	C1550	C2	C1800	*C1
C121	A4	C347	*B3	C575	B1	C758	*B2	C966	C3	C1230	D2	C1551	D2	C1801	*C1
C125	B4	C348	*B3	C576	C1	C759	*A2	C967	C2	C1300	D3	C1552	*B4	C3500	B4
C200	A4	C349	*A3	C577	A1	C760	*A2	C968	B2	C1301	D2	C1553	*C4	C3501	C2
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C202	A4	C351	*A3	C579	B1	C762	*A2	C1001	C2	C1303	D2	C1555	*B4	CL300	A3
C203	A4	C353	*B3	C580	B1	C763	*A2	C1002	C2	C1304	*D2	C1556	*C4	CL301	A3
C204	A3	C354	*B3	C581	B1	C764	*A2	C1003	C2	C1305	*D2	C1557	C4	CL302	A3
C205	B3	C355	*B3	C582	B1	C765	*A2	C1004	C2	C1306	*D2	C1558	B4	CL303	A3
C206	A3	C356	*B3	C583	C1	C766	*A2	C1005	C2	C1307	*D2	C1559	*C4	CL304	A3
C207	*A3	C357	*B2	C584	C1	C767	*B2	C1006	C2	C1308	D2	C1560	C4	CL305	A3
C208	B3	C358	*B3	C600	*B1	C768	*B2	C1007	C2	C1309	D1	C1561	A4	CL306	*A3
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C210	*A3	C361	B3	C602	*A3	C770	*A2	C1009	C2	C1311	D1	C1563	C4	CL308	*B3
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C214	*A3	C365	*A2	C606	*C1	C775	*A2	C1013	*C2	C1315	*D4	C1567	A4	CL312	B3
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C220	B3	C401	*A2	C611	*A3	C782	B2	C1018	*C1	C1326	*D3	C1572	*C4	CL704	*A2
C222	*A3	C406	C3	C612	*A3	C783	B1	C1019	*C1	C1327	*D3	C1573	B4	CL705	*A2
C223	A3	C407	C4	C613	*A2	C784	A2	C1020	*C1	C1328	*D3	C1574	*D4	CL706	*B2
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C225	A3	C409	*B2	C615	*A3	C800	C3	C1022	*C2	C1330	*C3	C1576	B4	CL708	B2
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C231	*A3	C415	B2	C628	A3	C810	C3	C1028	*C1	C1337	*D1	C1582	*B4	CL901	C1
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C237	*A3	C505	A1	C702	*A2	C816	C3	C1034	*B2	C1405	*B2	C1588	*C4	CL1400	*D3
C238	*A3	C506	A1	C703	*B2	C818	C3	C1035	*B2	C1406	*B3	C1589	*C4	CL1401	*D2
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C304	*A3	C518	B1	C715	B3	C836	D3	C1047	*B2	C1510	D3	C1604	*A1	CL1701	*A1
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C322	A2	C550	A1	C732	B2	C932	B2	C1115	*D2	C1526	C2	C1631	*B1		
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C324	A3	C552	A1	C734	B2	C934	*C2	C1117	*D2	C1528	D2	C1638	A1	CN101	C4
C325	A3	C553	A1	C735	*B2	C935	B2	C1200	*B3	C1529	C2	C1639	*B1	CN102	A4
C326	A3	C554	A1	C736	B2	C936	*C2	C1201	*C4	C1530	C3	C1644	*B1	CN400	B1
C327	A3	C555	A1	C737	B2	C937	*C2	C1202	*C3	C1531	C2	C1646	*B1	CN401	A1
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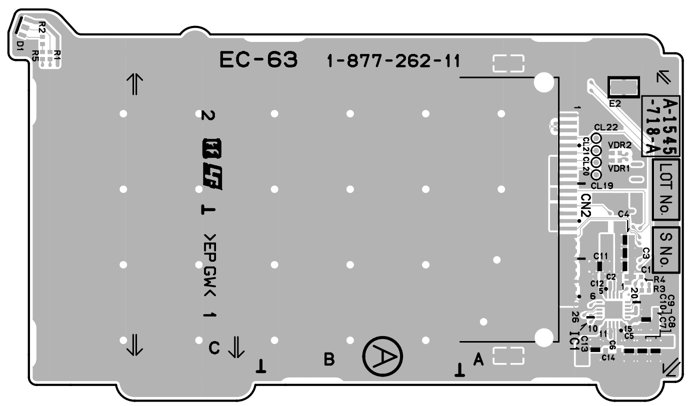
8-5

DPR-289A

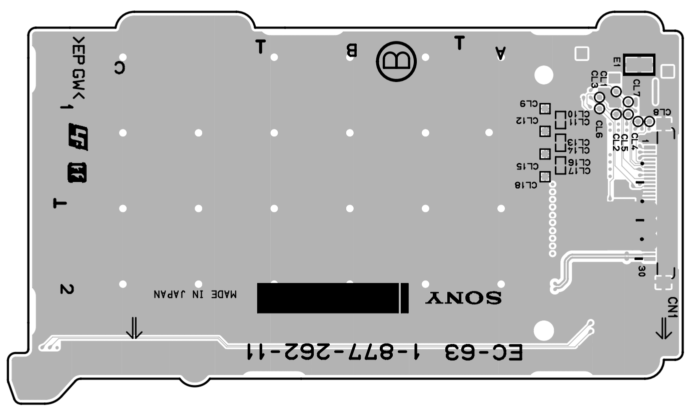
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L1507	*A4
L1509	*C4
L1510	*B4
L1511	*A4
L1513	*D4
L1514	*B4
L1515	*C4
L1516	*D4
Q300	*A3
Q301	*A3
Q303	B3
Q500	C1
Q501	C1
Q502	C1
Q503	C1
Q504	C1
Q505	C1
Q506	C1
Q507	C1
Q508	C1
Q509	C1
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Q514	B1
Q515	B1
Q516	C1
Q601	*B1
Q602	*B1
Q603	*B1
Q604	*B1
Q605	A3
Q606	A3
Q607	A3
Q608	A3
Q1100	*D2
Q1500	B4
Q1501	C4
Q1502	C4
Q1503	B4
Q1504	C4
Q1505	C4
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Q1508	C4
Q1509	B4
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Q1511	C4
Q1512	*C4
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R101	B3
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R112	A3
R117	B4
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R342	B3
R343	*A3
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R354	*A3
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R387	*B3
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R391	B3
R392	*A3
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R1501	C2
R1502	C2
R1503	D1
R1504	B4
R1505	C4
R1506	C4
R1507	*B4
R1509	C4
R1510	*B4
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R1513	A4
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R1811	C3
R1812	*C1
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R1814	*A2
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R2500	B1
R2501	C1
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R2514	B1
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R2518	C1
R2519	C1
R2520	C1
R2523	B1
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R2526	C1
R2527	C1
R2528	C1
R2529	B1
R2530	B1
R2531	C1
R2532	C1
R2533	C1
R2534	C1
R2535	C1
R2536	C1
R2537	B1
R2538	C1
R2539	B1
R2540	C1
R2541	C1
R2542	A1
RB800	B3
RB900	*D2
RB901	*D2
RB902	*D3
RB903	*D3
RB904	*D2
RB905	*D2
RB906	*D2
RB907	*D3
RB1000	*C2
RB1001	*C2
RB1002	*C2
RB1003	*C2
X500	B1
X501	A2
X701	B2
X1100	*C2
X1200	*B3
X1300	D2
X1301	*D3
X1400	*B3
X1600	*B2

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 EC-63, HN-326, HN-328



EC-63 -A SIDE-
SUFFIX: -11

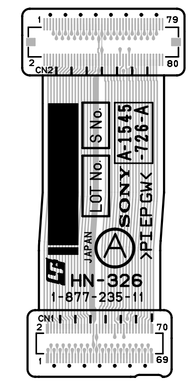


EC-63 -B SIDE-
SUFFIX: -11

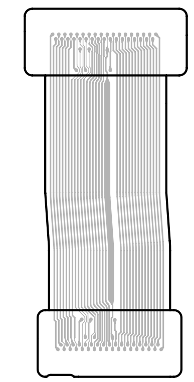
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EC-63 (1-877-262-11)
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*:B SIDE

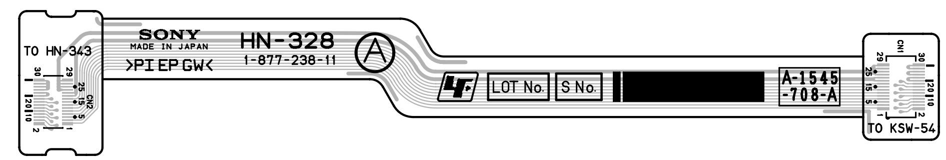
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C2	A1	CL16	*A1
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C5	A1	CL19	A2
C6	A1	CL20	A2
C7	A1	CL21	A2
C8	A1	CL22	A2
C9	A1		
C10	A1	CN1	*A2
C11	A1	CN2	A2
C12	A1		
C13	A1	D1	C2
C14	A1		
		E1	*A1
CL1	*A1	E2	A2
CL2	*A1		
CL3	*A1	IC1	A1
CL4	*A1		
CL5	*A1	R1	C2
CL6	*A1	R2	C2
CL7	*A1	R3	A1
CL8	*A1	R4	A1
CL9	*A1	R5	C2
CL10	*A1		
CL11	*A1	VDR1	A2
CL12	*A1	VDR2	A2
CL13	*A1		
CL14	*A1		



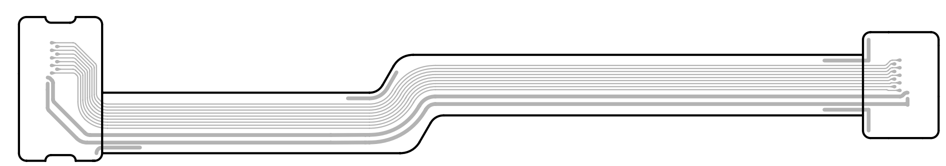
HN-326 -A SIDE-
SUFFIX: -11



HN-326 -A SIDE-
SUFFIX: -11



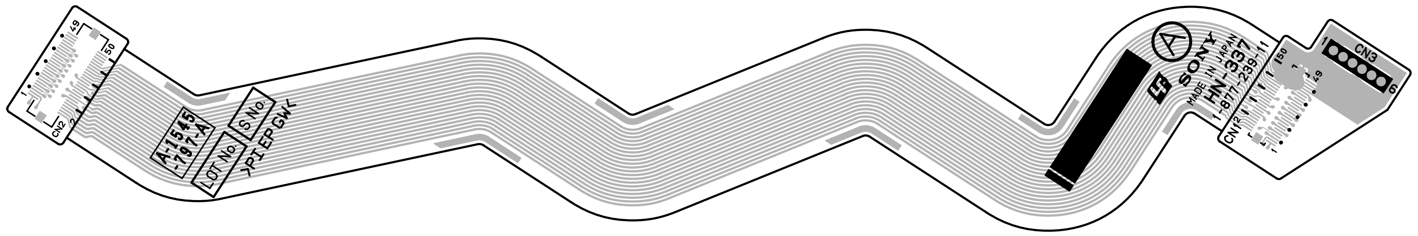
HN-328 -A SIDE-
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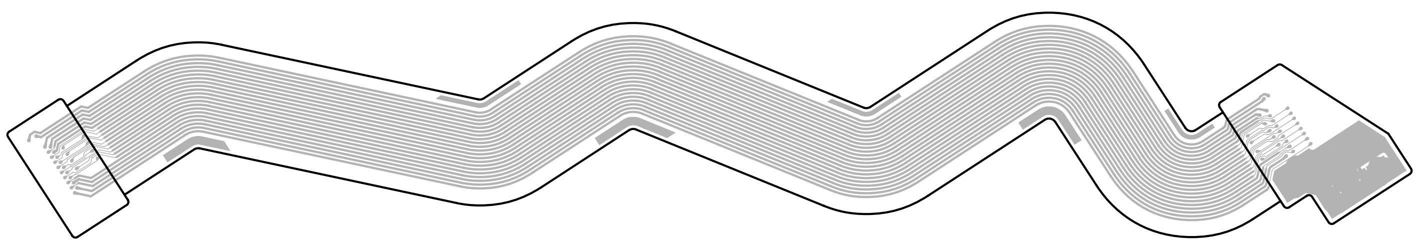
HN-328 -B SIDE-
SUFFIX: -11

 8-7

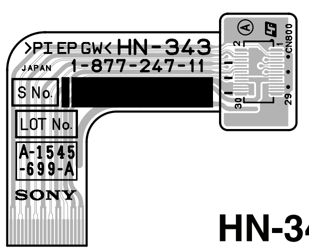
HN-337, HN-343, HN-344, HN-345, HN-346, HN-347, HN-348



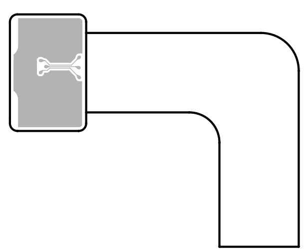
HN-337 -A SIDE-
SUFFIX: -11



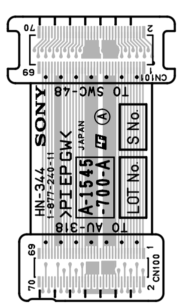
HN-337 -B SIDE-
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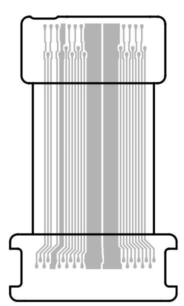
HN-343 -A SIDE-
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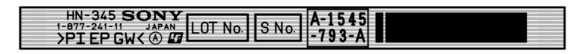
HN-343 -B SIDE-
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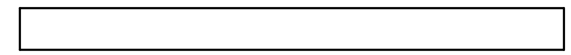
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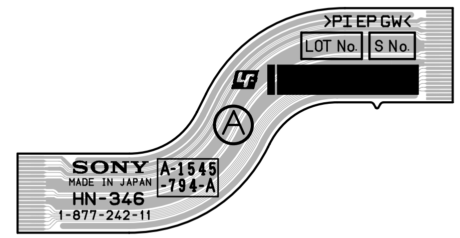
HN-344 -B SIDE-
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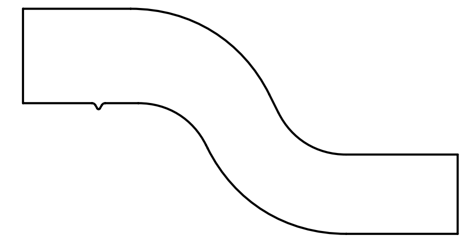
HN-345 -A SIDE-
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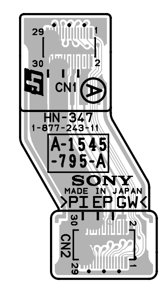
HN-345 -B SIDE-
SUFFIX: -11



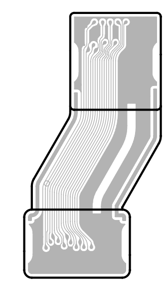
HN-346 -A SIDE-
SUFFIX: -11



HN-346 -B SIDE-
SUFFIX: -11



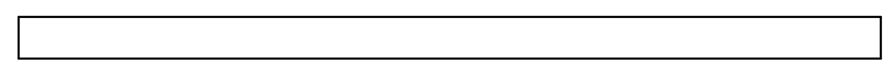
HN-347 -A SIDE-
SUFFIX: -11



HN-347 -B SIDE-
SUFFIX: -11

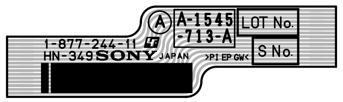


HN-348 -A SIDE-
SUFFIX: -11

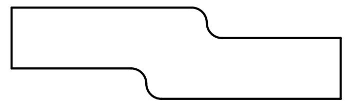


HN-348 -B SIDE-
SUFFIX: -11

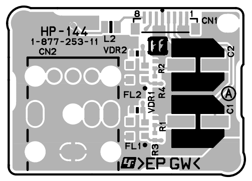
HN-349, HP-144, IF-1069, IR-42, JK-81, JK-84



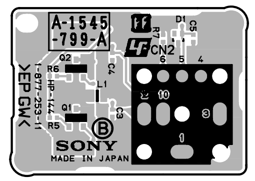
HN-349 -A SIDE-
SUFFIX: -11



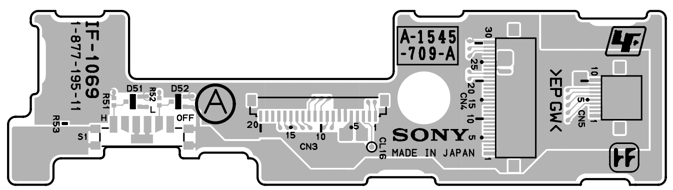
HN-349 -B SIDE-
SUFFIX: -11



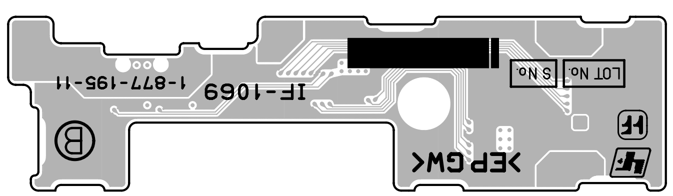
HP-144 -A SIDE-
SUFFIX: -11



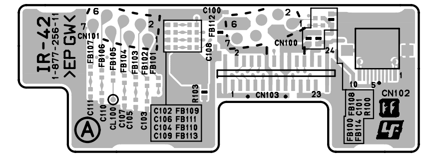
HP-144 -B SIDE-
SUFFIX: -11



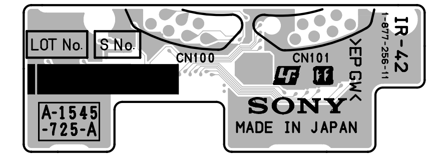
IF-1069 -A SIDE-
SUFFIX: -11



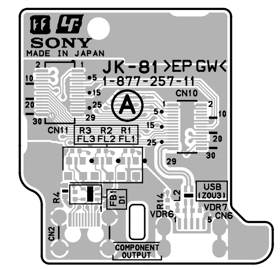
IF-1069 -B SIDE-
SUFFIX: -11



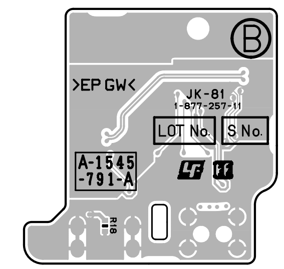
IR-42 -A SIDE-
SUFFIX: -11



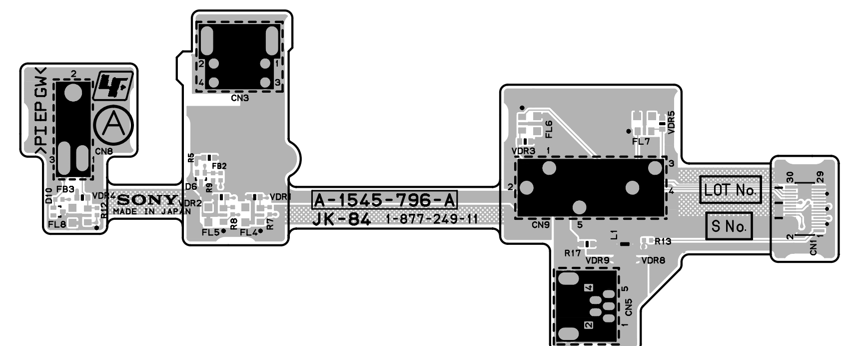
IR-42 -B SIDE-
SUFFIX: -11



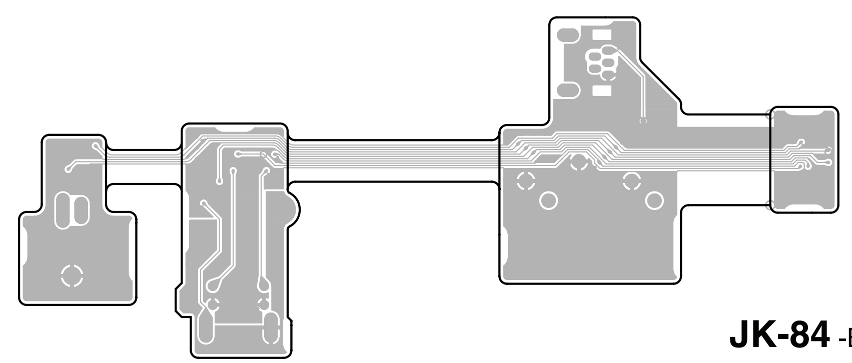
JK-81 -A SIDE-
SUFFIX: -11



JK-81 -B SIDE-
SUFFIX: -11

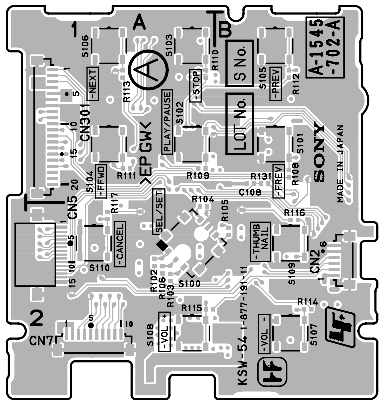


JK-84 -A SIDE-
SUFFIX: -11

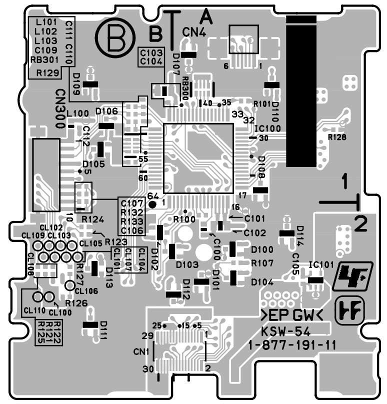


JK-84 -B SIDE-
SUFFIX: -11

KSW-54, LED-469, MA-164, PS-747



KSW-54 -A SIDE-
SUFFIX: -11

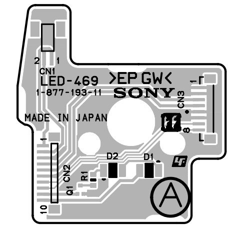


KSW-54 -B SIDE-
SUFFIX: -11

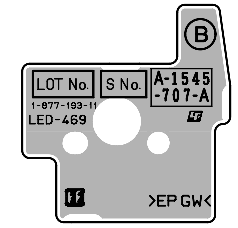
KSW-54 (1-877-191-11)
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*:B SIDE

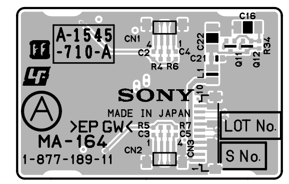
C100	*A2	L100	*B1
C101	*A2	L101	*B1
C102	*A2	L102	*B1
C103	*B1	L103	*B1
C104	*A1		
C105	*A2	R100	*A2
C106	*B2	R101	*A1
C107	*B1	R102	A2
C108	B1	R103	A2
C109	*B1	R104	A2
C110	*B1	R105	B2
C111	*B1	R106	A2
C112	*B1	R107	*A2
		R108	B1
CL100	*B2	R109	A1
CL101	*B2	R110	A1
CL102	*B2	R111	A1
CL103	*B2	R112	B1
CL104	*B2	R113	A1
CL105	*B2	R114	B2
CL106	*B2	R115	A2
CL107	*B2	R116	B2
CL108	*B2	R117	A2
CL109	*B2	R121	*B2
CL110	*B2	R122	*B2
		R123	*B2
CN1	*A2	R124	*B2
CN2	B2	R125	*B2
CN4	*A1	R126	*B2
CN5	A2	R127	*B2
CN7	A2	R128	*A1
CN300	*B1	R129	*B1
CN301	A1	R131	B1
		R132	*B1
D100	*A2	R133	*B1
D101	*A2		
D102	*B2	RB300	*A1
D103	*A2	RB301	*B1
D104	*A2		
D105	*B1	S100	A2
D106	*B1	S101	B1
D107	*A1	S102	A1
D108	*A1	S103	A1
D109	*B1	S104	A1
D110	*A1	S105	B1
D111	*B2	S106	A1
D112	*A2	S107	B2
D113	*B2	S108	A2
D114	*A2	S109	B2
		S110	A2
IC100	*A1		
IC101	*A2		



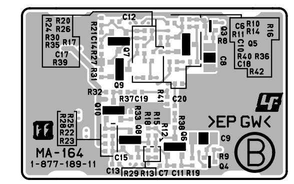
LED-469 -A SIDE-
SUFFIX: -11



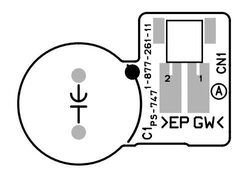
LED-469 -B SIDE-
SUFFIX: -11



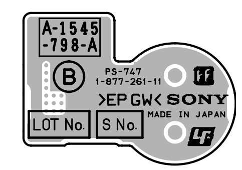
MA-164 -A SIDE-
SUFFIX: -11



MA-164 -B SIDE-
SUFFIX: -11



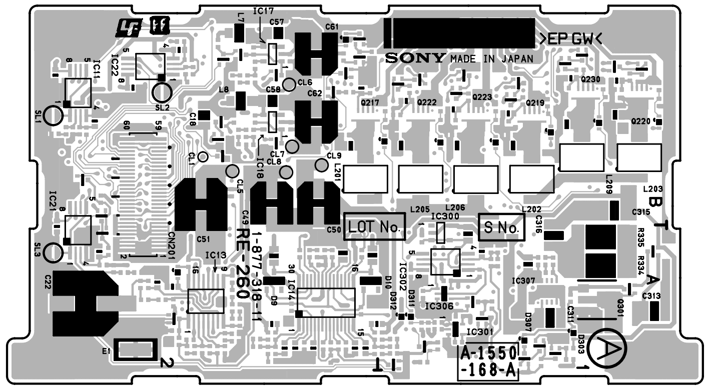
PS-747 -A SIDE-
SUFFIX: -11



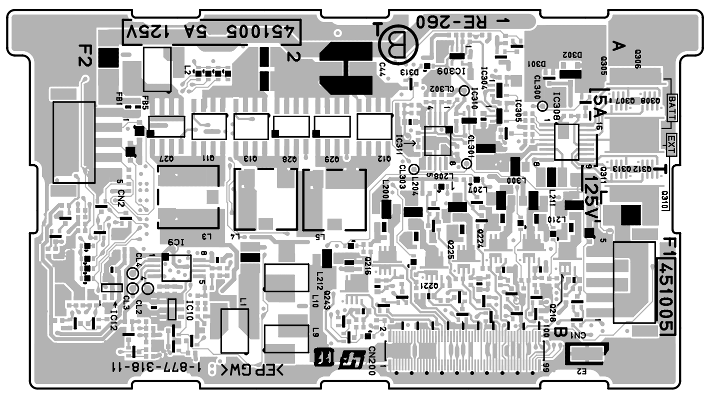
PS-747 -B SIDE-
SUFFIX: -11

8-10

 RE-260, RE-261



RE-260 -A SIDE-
SUFFIX: -11



RE-260 -B SIDE-
SUFFIX: -11

RE-260 (1-877-318-11)

*:B SIDE

C13	*B2
C14	*B2
C15	B2
C16	*B2
C17	B2
C18	B2
C19	*B2
C20	*B2
C21	B2
C22	A2
C23	A2
C24	A2
C25	A2
C26	A2
C27	A2
C28	A2
C29	A2
C30	A2
C31	A2
C32	A2
C33	A2
C34	A2
C35	A2
C36	A2
C37	A2
C38	A2
C39	A2
C40	A2
C41	A2
C42	A2
C43	A2
C44	*A2
C46	*A2
C47	*A2
C48	B2
C49	B2
C50	B2
C51	B2
C57	B2
C58	B2
C59	B2
C60	B2
C61	B2
C62	B2
C63	B2
C64	*B2
C65	A2
C66	*B2
C67	A2
C68	B2
C200	*B1
C201	B2
C202	B1
C203	B1
C204	*B1
C205	B1
C206	B1
C207	*B1
C208	B2
C209	B1
C210	B1
C211	*B1
C212	B1
C213	B1
C215	*B1
C216	*B1
C217	*B1
C218	*B1
C219	B1
C220	B1
C221	*B1
C222	*B1
C223	*B1
C224	*B1
C225	*B2
C226	B2
C227	*B1
C228	B1
C229	B1
C230	B1
C231	*B1
C232	B1
C233	B1
C234	*B1
C235	*B1
C236	*B1
C237	*B2
C238	*B2
C239	*B2
C300	A1

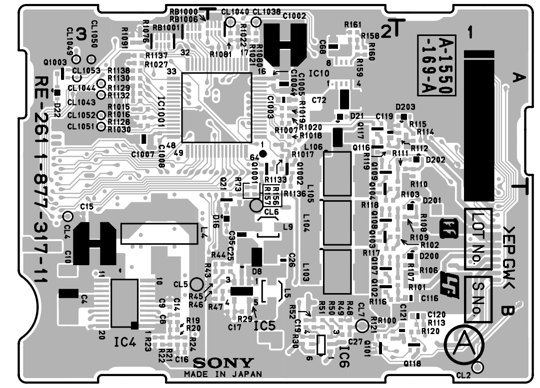
C301	*A1
C302	A1
C303	A1
C304	A1
C305	*A1
C306	*A1
C307	A1
C308	*A1
C309	*A1
C310	*A1
C311	A1
C312	*B1
C313	*A1
C314	A1
C315	B1
C316	A1
C317	A1
C319	*A1
C320	*A1
C321	*A1
C322	*A1
CL1	B2
CL2	*B2
CL3	*B2
CL4	*B2
CL5	B2
CL6	B2
CL7	B2
CL8	B2
CL9	B2
CL300	*A1
CL301	*A1
CL302	*A1
CL303	*B1
CN1	*B1
CN2	*A2
CN200	*B1
CN201	B2
D8	A2
D9	A2
D10	A2
D14	B2
D15	*A2
D16	*A2
D17	*A2
D18	*B2
D19	*B2
D20	*B2
D21	*A2
D22	*B2
D200	*B2
D201	B1
D202	*B1
D203	B1
D204	B1
D205	B1
D206	*B1
D207	B1
D208	B1
D217	*B1
D218	*B1
D219	*B1
D220	*B2
D300	A1
D301	*A1
D302	*A1
D303	A1
D305	*A1
D307	A1
D308	*B1
D309	*A2
D310	*A2
D311	A1
D312	A1
D313	*A1
E1	A2
E2	*B1
F1	*B1
F2	*A2
FB1	*A2
FB5	*A2
IC9	*B2
IC10	*B2

IC11	B2
IC12	*B2
IC13	A2
IC14	A2
IC17	B2
IC18	B2
IC21	A2
IC22	B2
IC300	A1
IC301	A1
IC302	A1
IC304	*A1
IC305	*A1
IC306	A1
IC307	A1
IC308	*A1
IC309	*A1
IC310	*A1
IC311	*A1
L1	*B2
L2	*A2
L3	*B2
L4	*B2
L5	*B2
L7	B2
L8	B2
L9	*B2
L10	*B2
L200	*B1
L201	B2
L202	B1
L203	B1
L204	*B1
L205	B1
L206	B1
L207	*B1
L208	*B1
L209	B1
L210	*B1
L211	*B1
L212	*B2
L300	*A1
Q10	*B2
Q11	*A2
Q12	*A2
Q13	*A2
Q14	B2
Q15	*B2
Q16	B2
Q17	*B2
Q20	B2
Q23	A1
Q25	A2
Q27	*A2
Q28	*A2
Q29	*A2
Q34	B2
Q35	B2
Q36	B2
Q38	B2
Q40	*B2
Q41	*B2
Q42	*B2
Q43	*B2
Q44	*B2
Q45	B2
Q46	A2
Q47	*B2
Q48	*B2
Q49	B2
Q50	B2
Q51	*B2
Q52	*B2
Q53	B2
Q200	*B1
Q201	B2
Q202	*B1
Q203	B1
Q204	B1
Q205	*B1
Q206	B1
Q207	B1
Q208	*B1
Q209	B2
Q210	*B1
Q211	B1
Q212	B1
Q213	*B1

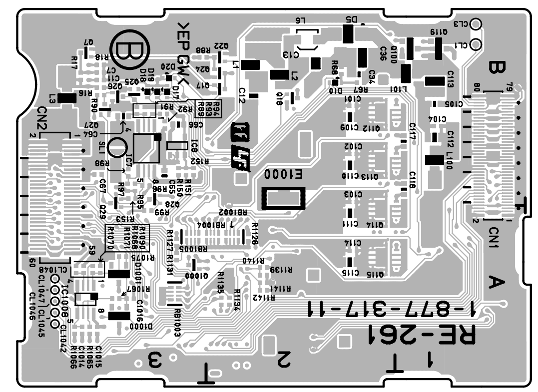
Q214	B1
Q215	B1
Q216	*B1
Q217	B2
Q218	*B1
Q219	B1
Q220	B1
Q221	*B1
Q222	B1
Q223	B1
Q224	*B1
Q225	*B1
Q226	*B1
Q227	*B1
Q228	*B1
Q229	*B1
Q230	B1
Q231	B1
Q232	B1
Q236	*B1
Q237	*B1
Q238	*B1
Q239	*B1
Q240	*B1
Q241	*B1
Q242	*B1
Q243	*B2
Q244	*B2
Q245	*B2
Q300	A1
Q301	A1
Q302	A1
Q303	*A1
Q304	A1
Q305	*A1
Q306	*A1
Q307	*A1
Q308	*A1
Q309	*A1
Q310	*B1
Q311	*B1
Q312	*A1
Q313	*A1
Q316	A1
Q317	A1
Q318	A1
Q319	A1
Q320	*A1
Q321	*A1
R29	B2
R30	B2
R31	B2
R32	B2
R33	B2
R34	*B2
R35	*B2
R36	*B2
R37	*B2
R38	*B2
R39	*B2
R40	*B2
R41	*B2
R42	*B2
R43	*B2
R44	*B2
R45	*B2
R46	*B2
R47	*B2
R48	*B2
R50	*B2
R52	*B2
R53	*B2
R56	*B2
R57	*B2
R58	*B2
R59	A2
R60	A2
R61	A2
R62	A2
R63	A2
R64	A2
R65	A2
R66	A2
R67	A1
R68	A2
R69	A1
R70	A2
R71	A2
R72	A2

R73	A2
R74	A2
R75	A2
R76	A2
R77	A1
R78	A2
R79	A1
R80	A2
R81	A2
R82	A1
R83	A2
R84	A2
R85	A2
R86	A2
R87	A2
R88	A2
R89	A2
R90	A2
R91	A2
R92	A2
R93	A2
R94	A2
R95	A2
R96	A2
R97	A2
R100	A2
R101	A2
R102	A2
R103	A2
R104	A2
R105	A2
R124	B2
R125	B2
R126	B2
R127	B2
R128	B2
R129	B2
R130	B2
R131	B2
R132	B2
R133	B2
R134	B2
R135	B2
R136	B2
R138	B2
R140	B2
R141	B2
R142	B2
R143	B2
R144	B2
R145	*B2
R146	*B2
R147	*B2
R148	*B2
R149	*B2
R150	*B2
R151	A2
R152	A2
R153	A2
R154	A2
R155	A2
R156	*B2
R157	*B2
R158	*B2
R159	*B2
R160	*B2
R161	*B2
R162	B2
R163	*B2
R164	*B2
R165	B2
R200	*B1
R201	B2
R202	*B1
R203	B1
R204	B1
R205	*B1
R206	B1
R207	B1
R223	*B1
R224	*B1
R225	B1
R227	*B1
R228	*B1
R229	*B1
R230	*B1
R231	*B2
R232	*B2
R233	B1
R234	B1

R235	*B1
R236	*B1
R237	B1
R238	B1
R239	B1
R240	B1
R241	B1
R242	B1
R243	*B1
R244	*B1
R245	B1
R246	B1
R247	B1
R248	B1
R251	*B1
R252	*B1
R253	*B1
R254	*B1
R255	B2
R256	*B1
R257	B1
R258	B1
R259	B1
R260	*B1
R261	B1
R262	B1
R263	*B1
R264	*B1
R265	*B1
R266	*B2
R267	*B2
R268	*B1
R269	*B2
R300	A1
R301	A1
R302	*A1
R303	*A1
R304	*A1
R305	*A1
R308	A1
R309	A1
R310	A1
R311	A1
R312	A1
R316	A1
R318	A1
R319	A1
R321	A1
R322	A1
R324	A1
R325	*A1
R326	*A1
R327	*A1
R331	*A1
R332	*A1
R333	*A1
R334	A1
R335	A1
R337	*A1
R338	*A1
R339	*A1
R340	*A1
R341	*A1
R342	*A1
R348	A1
R350	A1
R351	*A1
R352	*A1
R353	A1
R354	A1
R355	A1
R356	*A1
R357	*A1
R358	*A1
R359	*B2
R362	A1
R363	A1
R364	A1
R365	A1
R366	*A1
SL1	B2
SL2	B2
SL3	A2



RE-261 -A SIDE-
SUFFIX: -11



RE-261 -B SIDE-
SUFFIX: -11

RE-261 (1-877-317-11)

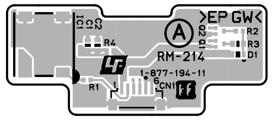
*:B SIDE

C4	B3
C7	*B3
C8	B3
C9	B3
C10	B3
C11	*B3
C12	*B2
C13	*B2
C14	B3
C15	B3
C16	B3
C17	B2
C19	B2
C25	B2
C26	B2
C27	B2
C34	*B2
C35	B2
C36	*B2
C64	*B3
C65	*B3
C66	*B3
C67	*B3
C68	A2
C72	A2
C101	*B2
C102	*B2
C103	*B2
C104	*B1
C105	*B1
C109	*B2
C110	*B2
C111	*A2
C112	*B1
C113	*B1
C114	*A2
C115	*A2
C116	B1
C117	*B1
C118	*B1
C119	A2
C120	B1
C121	B1
C1002	A2
C1003	A2
C1004	A2
C1005	A2
C1007	A3
C1008	A3
C1014	*A3
C1015	*A3
C1016	*A3
CL1	*B1
CL2	B1
CL3	*B1
CL4	B3
CL5	B3
CL6	B2
CL7	B2
CL1038	A2
CL1040	A2
CL1042	*A3
CL1043	A3
CL1044	A3
CL1045	*A3
CL1046	*A3
CL1047	*A3
CL1048	*A3
CL1049	A3
CL1050	A3
CL1051	A3
CL1052	A3
CL1053	A3
CN1	*B1
CN2	*B3
D5	*B2
D8	B2
D10	*B2
D16	B2
D17	*B3
D18	*B3
D19	*B3
D20	*B3
D21	A2
D22	A3
D200	B1
D201	B1

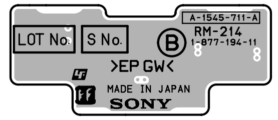
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D203	A1
D1000	*A3
D1001	*A3
E1000	*B2
IC4	B3
IC5	B2
IC6	B2
IC7	*B3
IC8	*B3
IC10	A2
IC1001	A2
IC1008	*A3
L1	*B2
L2	*B2
L3	*B3
L4	B3
L5	B2
L6	*B2
L9	B2
L100	*B1
L101	*B1
L103	B2
L104	B2
L105	A2
L106	A2
Q7	*B3
Q17	*B2
Q18	*B2
Q21	B2
Q22	*B2
Q24	*B2
Q25	*B3
Q26	*B3
Q27	*B3
Q28	*B3
Q29	*B3
Q100	*B1
Q101	B2
Q102	B2
Q103	B2
Q104	B2
Q107	B2
Q108	B2
Q109	A2
Q112	*B2
Q113	*B2
Q114	*A2
Q115	*A2
Q116	A2
Q117	A2
Q118	B1
Q119	*B1
Q1000	*A3
Q1001	A2
Q1002	A2
Q1003	A3
R16	*B3
R17	*B3
R18	*B3
R19	B3
R20	B3
R21	B3
R22	B3
R23	B3
R24	B3
R29	B2
R30	B2
R43	B2
R44	B2
R45	B2
R46	B2
R47	B2
R48	B2
R49	B2
R50	B2
R51	B2
R52	B2
R67	*B2
R68	*B2
R73	B2
R88	*B3
R89	*B3
R90	*B3
R91	*B3

R92	*B3
R93	*B3
R94	*B3
R95	*B3
R96	*B3
R97	*B3
R98	*B3
R99	*A3
R100	B2
R101	B1
R102	B1
R103	A1
R106	B1
R107	B1
R108	B1
R109	B1
R110	A1
R111	A1
R112	A1
R113	B1
R114	A1
R115	A1
R116	B2
R117	B2
R118	B2
R119	A2
R120	B1
R121	B2
R150	*B3
R151	*B3
R152	*B3
R153	*B3
R156	B2
R157	B2
R158	A2
R159	A2
R160	A2
R161	A2
R1007	A2
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R1017	A2
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R1019	A2
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R1076	A3
R1080	A2
R1081	A2
R1090	*A3
R1091	A3
R1126	*A2
R1127	*A3
R1128	A3
R1129	A3
R1130	A3
R1131	*A3
R1132	A3
R1133	A2
R1134	*A2
R1135	*A2
R1136	B2
R1137	A3
R1138	A3
R1139	*A2
R1140	*A2
R1141	*A2
R1142	*A2
RB1000	A2
RB1001	A3
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RB1003	*A3
RB1004	*A2
RB1005	*A3
RB1006	A3
SL1	*B3

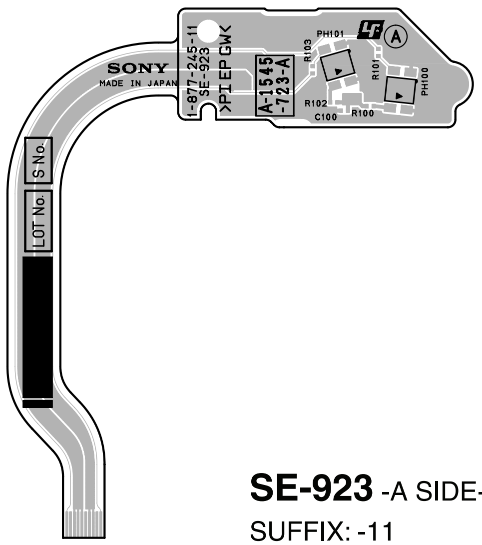
RM-214, SE-923, SW-1389, SW-1410, SW-1411, SW-1412



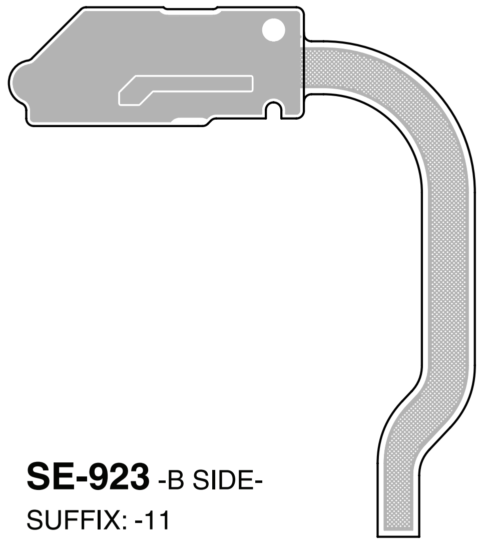
RM-214 -A SIDE-
SUFFIX: -11



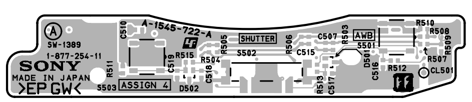
RM-214 -B SIDE-
SUFFIX: -11



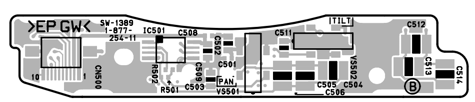
SE-923 -A SIDE-
SUFFIX: -11



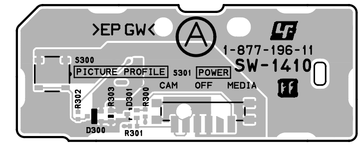
SE-923 -B SIDE-
SUFFIX: -11



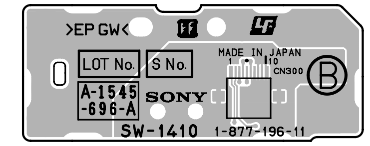
SW-1389 -A SIDE-
SUFFIX: -11



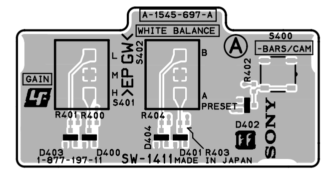
SW-1389 -B SIDE-
SUFFIX: -11



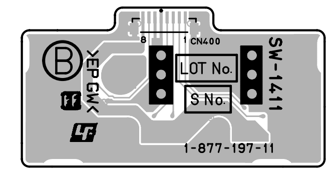
SW-1410 -A SIDE-
SUFFIX: -11



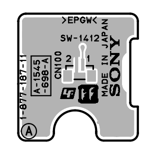
SW-1410 -B SIDE-
SUFFIX: -11



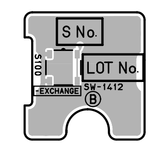
SW-1411 -A SIDE-
SUFFIX: -11



SW-1411 -B SIDE-
SUFFIX: -11

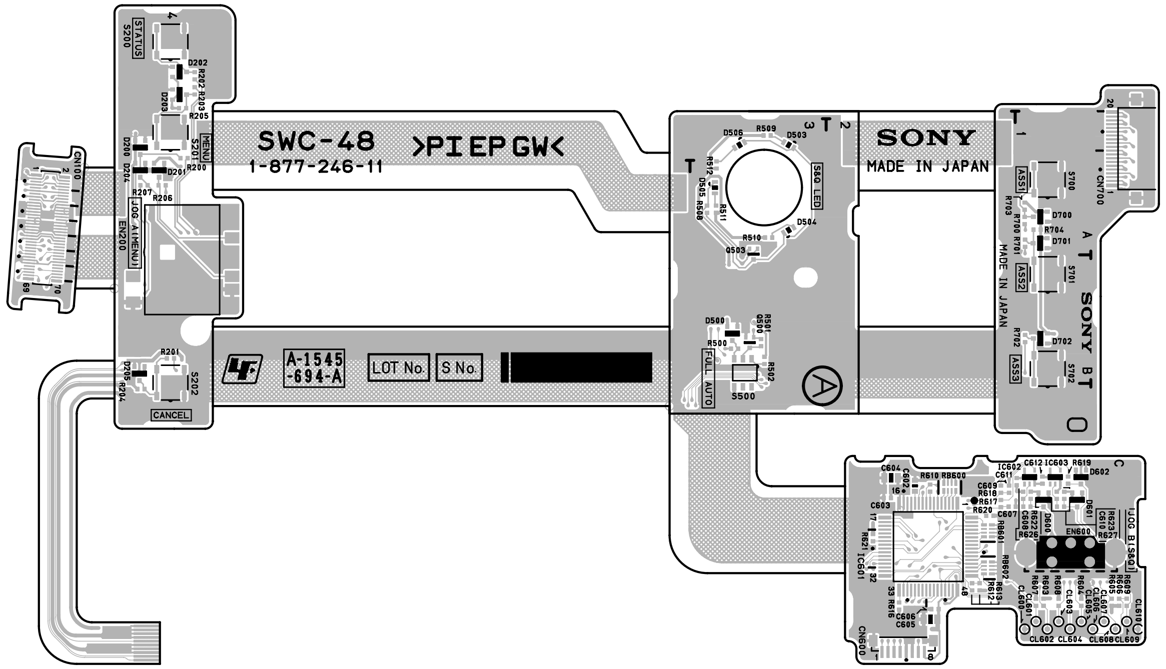


SW-1412 -A SIDE-
SUFFIX: -11

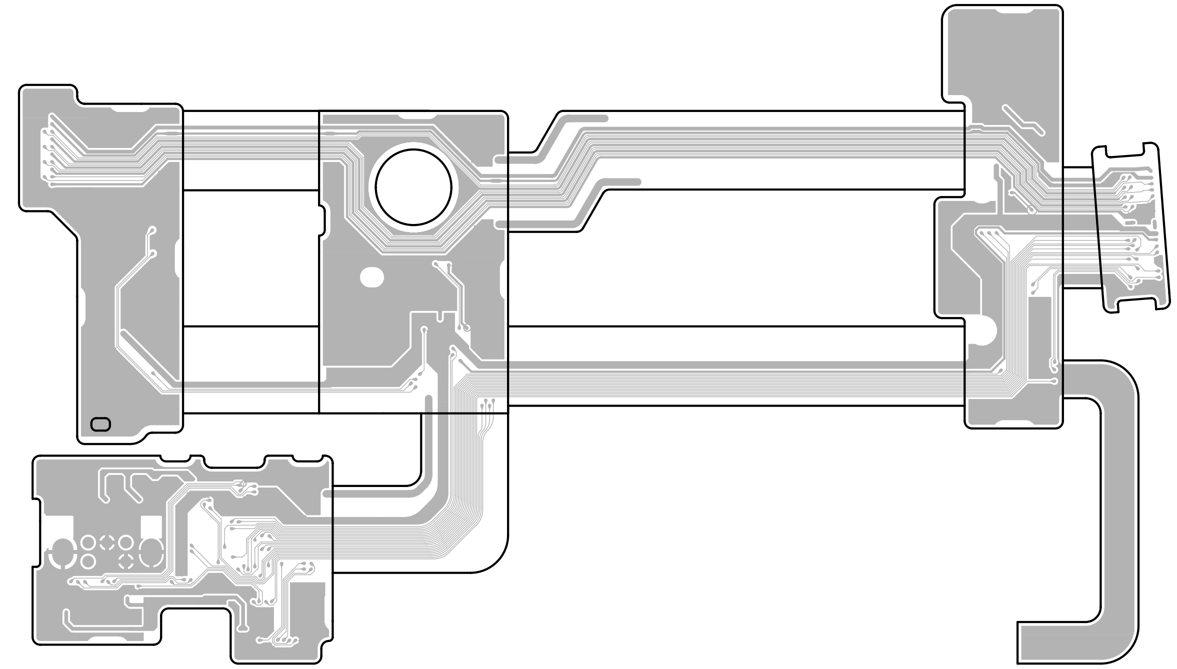


SW-1412 -B SIDE-
SUFFIX: -11

8-12



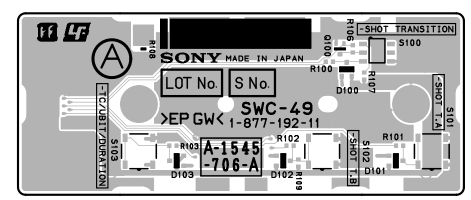
SWC-48 -A SIDE-
SUFFIX: -11



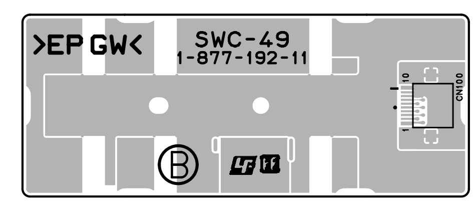
SWC-48 -B SIDE-
SUFFIX: -11

SWC-48 (1-877-246-11)

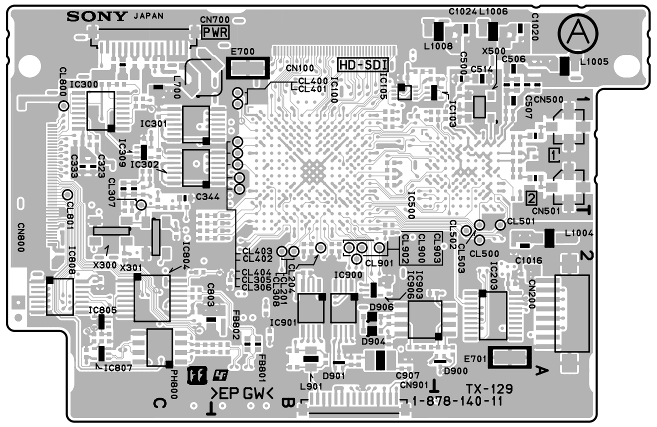
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C605	C2	D500	B3	R502	B3	RB600	C2
C606	C2	D503	A3	R508	A3	RB601	C2
C607	C2	D504	A3	R509	A3	RB602	C2
C608	C1	D505	A3	R510	A3		
C609	C2	D506	A3	R511	A3	S200	A4
C610	C1	D600	C1	R512	A3	S201	A4
C611	C1	D601	C1	R603	C1	S202	B4
C612	C1	D602	C1	R604	C1	S500	B3
		D700	A1	R605	C1	S700	A1
CL600	C1	D701	A1	R606	C1	S701	B1
CL601	C1	D702	B1	R607	C1	S702	B1
CL602	C1			R608	C1		
CL603	C1	EN200	B4	R609	C1		
CL604	C1	EN600	*C1	R610	C2		
CL605	C1			R612	C2		
CL606	C1	IC601	C2	R613	C2		
CL607	C1	IC602	C1	R616	C2		
CL608	C1	IC603	C1	R617	C2		
CL609	C1			R618	C2		
CL610	C1	Q500	B3	R619	C1		
		Q503	A3	R620	C2		
CN100	A4			R621	C2		
CN300	C4	R200	A4	R622	C1		
CN600	C2	R201	B4	R623	C1		
CN700	A1	R202	A4	R626	C1		
		R203	A4	R627	C1		
D200	A4	R204	C4	R700	A1		
D201	A4	R205	A4	R701	A1		
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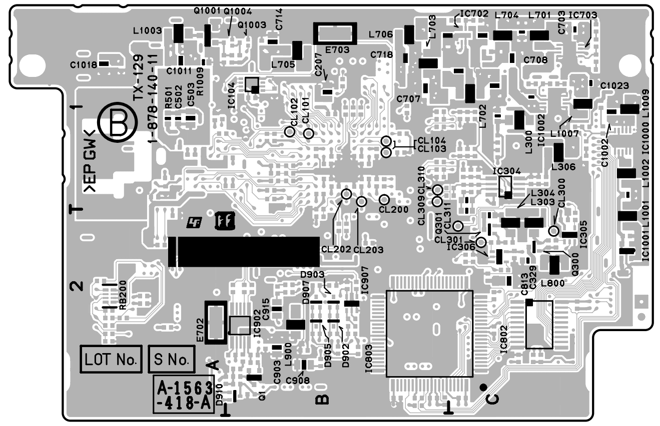
SWC-49 -A SIDE-
SUFFIX: -11



SWC-49 -B SIDE-
SUFFIX: -11



TX-129 -A SIDE-
SUFFIX: -11



TX-129 -B SIDE-
SUFFIX: -11

TX-129 (1-878-140-11)
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*:B SIDE

C100	*B1	C507	A1	C910	B2	CL801	C1	IC808	C2	R210	B1	R406	*B1	R905	*B2
C101	*B1	C508	A1	C913	B2	CL900	B2	IC900	B2	R211	*B1	R407	*B1	R906	*B2
C102	B1	C509	A1	C914	B2	CL901	B2	IC901	B2	R212	B1	R408	B2	R908	*B2
C104	*B1	C510	A1	C915	*B2	CL902	B2	IC902	*B2	R213	B1	R409	C2	R909	B2
C105	B1	C511	A1	C916	B2	CL903	B2	IC903	B2	R215	*B1	R410	B1	R910	B2
C106	B1	C512	A1	C917	*B2			IC906	B2	R216	*B2	R411	B1	R911	*B2
C200	A2	C513	*A1	C918	*B2	CN100	B1	IC907	*B2	R217	*B2	R412	*B1	R912	*B2
C203	*B1	C514	A1	C919	*B2	CN200	A2	IC1000	*C1	R218	*B1	R413	*B1	R913	A2
C204	*B1	C515	*A1	C920	B2	CN500	A1	IC1001	*C2	R219	B2	R414	*B1	R914	B2
C205	*B1	C516	*A2	C921	B2	CN501	A1	IC1002	*C1	R220	*B2	R415	*B1	R915	*B2
C206	*B2	C517	*A1	C1002	*C1	CN700	C1			R221	*B1	R416	B2	R918	B2
C207	*B1	C518	*B1	C1003	*C2	CN800	C1	L300	*C1	R222	B2	R417	C2	R919	*B2
C208	*B1	C519	*A1	C1005	*C1	CN901	B2	L303	*C2	R223	B2	R418	B1	R920	B2
C209	*B1	C520	*B1	C1006	*C1			L304	*C2	R224	B2	R419	B1	R921	*B2
C210	*B1	C521	A1	C1009	*C1	D900	A2	L306	*C1	R225	B2	R420	*B1	R922	*B2
C211	*B1	C522	A1	C1010	*C2	D901	B2	L500	A1	R226	*A2	R421	*B1	R923	*B2
C212	*B1	C702	*C1	C1011	*A1	D902	*B2	L501	A1	R300	C1	R500	A1	R924	*B2
C213	*B1	C703	*C1	C1012	*A1	D903	*B2	L700	C1	R301	C1	R501	*A1	R925	*B2
C214	A2	C704	*B1	C1013	*A1	D904	B2	L701	*C1	R302	*B1	R502	*A1	R926	*B2
C215	*A2	C705	*C1	C1014	*C1	D905	*B2	L702	*C1	R303	*B1	R503	A1	R927	*B2
C216	*A2	C706	*C1	C1015	*C1	D906	B2	L703	*B1	R304	C1	R504	A1	R928	*B2
C300	*B1	C707	*B1	C1016	A2	D907	*B2	L704	*C1	R305	C1	R506	A1	R929	*B2
C301	C1	C708	*C1	C1017	A2	D910	*B2	L705	*B1	R306	*C1	R507	A1	R930	*B2
C302	*C1	C709	*B1	C1018	*A1			L706	*B1	R307	*C1	R508	A1	R931	*B2
C304	C1	C710	*B1	C1019	*A1	E700	B1	L800	*C2	R308	*B1	R509	A1	R932	*B2
C305	*C1	C711	*C1	C1020	A1	E701	A2	L900	*B2	R309	*B1	R510	A1	R933	B2
C307	*B1	C714	*B1	C1021	A1	E702	*A2	L901	B2	R310	*C1	R513	*A2	R934	*B2
C310	*C1	C715	*B1	C1022	*C1	E703	*B1	L1001	*C2	R311	C1	R518	B1	R1002	*C1
C314	*C1	C716	C1	C1023	*C1			L1002	*C1	R312	C1	R519	*A1	R1003	*C1
C317	C1	C717	C1	C1024	A1	FB700	C1	L1003	*A1	R313	*C1	R520	A1	R1004	*C1
C319	C1	C718	*B1	C1025	A1	FB701	C1	L1004	A2	R314	*C1	R521	A1	R1006	*B1
C320	C1	C720	*B1			FB702	C1	L1005	A1	R316	*C1	R522	A1	R1007	*B1
C322	C1	C800	*C2	CL101	*B1	FB800	B2	L1006	A1	R319	*C1	R523	*A1	R1008	*C1
C323	C1	C803	C2	CL102	*B1	FB801	B2	L1007	*C1	R320	*C1	R525	A1	R1009	*A1
C324	*C1	C804	C2	CL103	*B1	FB802	B2	L1008	A1	R321	C1	R526	A1	R1010	C1
C325	C2	C805	B2	CL104	*B1	FB803	C2	L1009	*C1	R322	C1	R550	A1	R1011	*C1
C328	*C2	C806	B2	CL200	*B1	FB804	C2			R325	C1	R551	A1	R1012	*C1
C329	*C2	C807	B2	CL201	B2	FB1000	C1	PH800	C2	R327	*C2	R707	*C1	R1013	*C1
C330	*C2	C808	*B2	CL202	*B1	FB1001	C1			R328	*C2	R709	*B1	R1014	*C1
C332	*C2	C809	*B2	CL203	*B1			Q1	*B2	R330	*C2	R710	*C1		
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C340	*C1	C813	*C2	CL305	B1	IC105	B1	Q1003	*B1	R339	*C1	R714	*C1	X301	C2
C341	*C1	C814	C2	CL306	B1	IC203	A2	Q1004	*B1	R340	*C1	R800	*B2	X500	A1
C342	*C2	C815	C2	CL307	C1	IC300	C1			R341	C1	R804	*B2		
C343	*C1	C816	C2	CL308	B2	IC301	C1	R102	*B1	R342	*C1	R807	*B2		
C344	C1	C817	*C2	CL309	*B1	IC302	C1	R103	*B1	R343	*C1	R808	*C2		
C345	C1	C818	C2	CL310	*B1	IC304	*C1	R104	*B1	R344	*C1	R809	C2		
C400	*B1	C819	B2	CL311	*C2	IC305	*C2	R105	*B1	R345	*C1	R810	C2		
C401	*B1	C820	C2	CL400	B1	IC306	*C2	R112	*B1	R346	C1	R811	*C2		
C402	*B1	C900	*B2	CL401	B1	IC309	C1	R113	B1	R347	C1	R813	*C2		
C403	*B1	C902	*B2	CL402	B1	IC500	A1	R200	*A2	R348	*C2	R814	C2		
C500	A1	C903	*B2	CL403	B1	IC702	*C1	R201	*A2	R349	*C2	R815	C2		
C501	A1	C904	*B2	CL404	B1	IC703	*C1	R202	*A2	R400	B2	R816	C2		
C502	*A1	C905	*B2	CL500	A2	IC802	*C2	R203	*A2	R401	C2	R817	B2		
C503	*A1	C906	B2	CL501	A2	IC803	*B2	R204	*A2	R402	B2	R818	B2		
C504	*A1	C907	B2	CL502	A2	IC804	C2	R207	*A2	R403	C2	R901	*B2		
C505	*A1	C908	*B2	CL503	A2	IC805	C2	R208	*A2	R404	*B1	R902	*B2		
C506	A1	C909	B2	CL800	C1	IC807	C2	R209	B2	R405	*B1	R903	A2		

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